

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000264.D
 Acq On : 11 Oct 2019 11:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:33:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:29:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	654642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	1007266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	901729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	467230	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	257187	37.24	ug/l	0.00
Spiked Amount			Recovery	=	74.48%	
35) Dibromofluoromethane	7.73	113	270230	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	
50) Toluene-d8	10.19	98	1150113	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.49	95	401040	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	204510	38.553	ug/l	98
3) Chloromethane	2.12	50	300973	37.624	ug/l	99
4) Vinyl Chloride	2.26	62	332431	41.177	ug/l	100
5) Bromomethane	2.65	94	222050	42.814	ug/l	95
6) Chloroethane	2.80	64	216074	41.480	ug/l	100
7) Trichlorofluoromethane	3.13	101	422002	38.213	ug/l	97
8) Diethyl Ether	3.54	74	162099	41.550	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	274836	41.037	ug/l	94
10) Methyl Iodide	4.10	142	433578	45.559	ug/l	94
11) Tert butyl alcohol	4.97	59	133657	184.951	ug/l	99
12) 1,1-Dichloroethene	3.88	96	285420	43.169	ug/l	93
13) Acrolein	3.74	56	162323	191.589	ug/l	100
14) Allyl chloride	4.49	41	432364	39.461	ug/l	95
15) Acrylonitrile	5.18	53	443726	203.207	ug/l	100
16) Acetone	3.96	43	529635	236.838	ug/l	94
17) Carbon Disulfide	4.20	76	869841	41.785	ug/l	99
18) Methyl Acetate	4.49	43	201743	36.309	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	713696	38.776	ug/l	99
20) Methylene Chloride	4.72	84	321922	41.837	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	323719	42.675	ug/l	95
22) Diisopropyl ether	6.13	45	907264	39.150	ug/l	92
23) Vinyl Acetate	6.07	43	2972781	196.634	ug/l	96
24) 1,1-Dichloroethane	6.03	63	503754	39.825	ug/l	96
25) 2-Butanone	7.00	43	666127	211.455	ug/l	97
26) 2,2-Dichloropropane	6.99	77	448854	38.509	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	359344	43.778	ug/l	92
28) Bromochloromethane	7.35	49	220510	40.609	ug/l	86
29) Tetrahydrofuran	7.36	42	368591	193.066	ug/l	94
30) Chloroform	7.52	83	504643	39.615	ug/l	98
31) Cyclohexane	7.79	56	507402	38.406	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	450451	39.775	ug/l	98
36) 1,1-Dichloropropene	7.92	75	419365	42.524	ug/l	98
37) Ethyl Acetate	7.09	43	237066	40.598	ug/l	98
38) Carbon Tetrachloride	7.91	117	404825	42.397	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	576230	44.644	ug/l	94
40) Benzene	8.17	78	1286766	45.151	ug/l	98
41) Methacrylonitrile	7.35	41	323284	116.308	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	310267	38.112	ug/l	95
43) Isopropyl Acetate	8.28	43	443062	39.905	ug/l	96
44) Trichloroethene	8.95	130	373199	46.670	ug/l	96
45) 1,2-Dichloropropane	9.22	63	304225	43.499	ug/l	98
46) Dibromomethane	9.31	93	171100	43.763	ug/l	93
47) Bromodichloromethane	9.50	83	391459	42.485	ug/l	98
48) Methyl methacrylate	9.30	41	197304	40.548	ug/l	91
49) 1,4-Dioxane	9.31	88	51624	880.640	ug/l #	95
51) 4-Methyl-2-Pentanone	10.08	43	1161088	202.751	ug/l	95
52) Toluene	10.25	92	843144	46.598	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	429921	43.538	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	496259	44.253	ug/l	92
55) 1,1,2-Trichloroethane	10.65	97	259661	45.678	ug/l	97
56) Ethyl methacrylate	10.52	69	358936	44.299	ug/l	92
57) 1,3-Dichloropropane	10.80	76	436256	44.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	809477	250.469	ug/l	96
59) 2-Hexanone	10.84	43	859281	213.772	ug/l	94
60) Dibromochloromethane	10.99	129	300859	47.750	ug/l	98
61) 1,2-Dibromoethane	11.10	107	256898	47.067	ug/l	99
64) Tetrachloroethene	10.72	164	419488	48.865	ug/l	98
65) Chlorobenzene	11.52	112	905661	47.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	313547	46.903	ug/l	98
67) Ethyl Benzene	11.60	91	1604014	45.468	ug/l	97
68) m/p-Xylenes	11.70	106	1271383	94.272	ug/l	95
69) o-Xylene	12.03	106	601243	46.733	ug/l	93
70) Styrene	12.05	104	1032239	47.574	ug/l	96
71) Bromoform	12.21	173	201027	52.310	ug/l #	99
73) Isopropylbenzene	12.33	105	1622484	44.535	ug/l	97
74) N-amyl acetate	12.14	43	323195	36.136	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.58	83	302287	44.192	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	418947	72.920	ug/l #	100
77) Bromobenzene	12.61	156	386529	47.679	ug/l	87
78) n-propylbenzene	12.67	91	1906564	43.587	ug/l	97
79) 2-Chlorotoluene	12.76	91	1047713	43.371	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	1330337	43.548	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	119591	45.543	ug/l	89
82) 4-Chlorotoluene	12.86	91	1109927	43.467	ug/l	95
83) tert-Butylbenzene	13.08	119	1153969	44.607	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	1328679	44.068	ug/l	96
85) sec-Butylbenzene	13.25	105	1675866	44.780	ug/l	97
86) p-Isopropyltoluene	13.37	119	1502983	46.066	ug/l	97
87) 1,3-Dichlorobenzene	13.37	146	757365	47.416	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	757969	47.477	ug/l	97
89) n-Butylbenzene	13.70	91	1405934	43.605	ug/l	97
90) Hexachloroethane	13.96	117	277933	46.003	ug/l	88
91) 1,2-Dichlorobenzene	13.74	146	691302	47.824	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	52923	40.795	ug/l	86

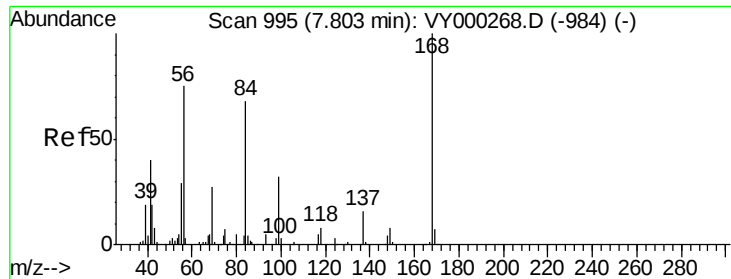
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	495119	49.196	ug/l	97
94) Hexachlorobutadiene	15.11	225	271095	49.775	ug/l	98
95) Naphthalene	15.23	128	1007021	44.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	436681	48.144	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

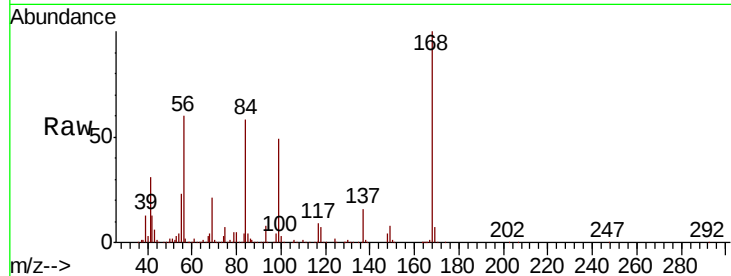
ClientSampleId :

Tot Ion:168 Resp: 654642

Ion Ratio Lower Upper

168 100

99 48.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000264.D (-1) (-)

7.80

300000

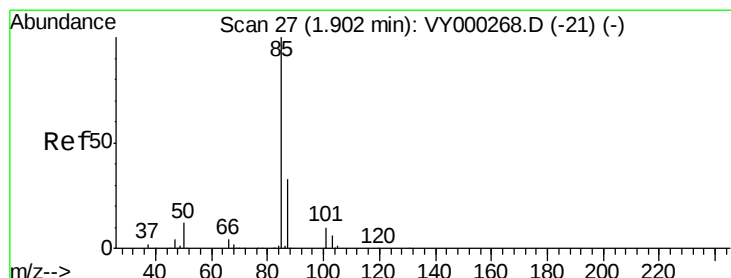
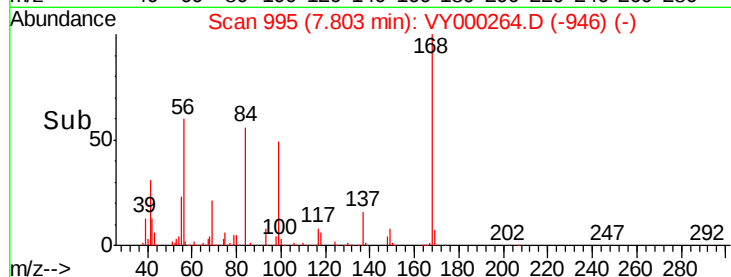
200000

100000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.553 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000264.D

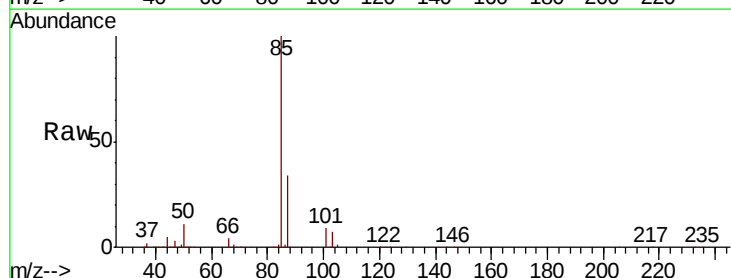
Acq: 11 Oct 2019 11:50

Tgt Ion: 85 Resp: 204510

Ion Ratio Lower Upper

85 100

87 34.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000264.D (-1) (-)

1.91

150000

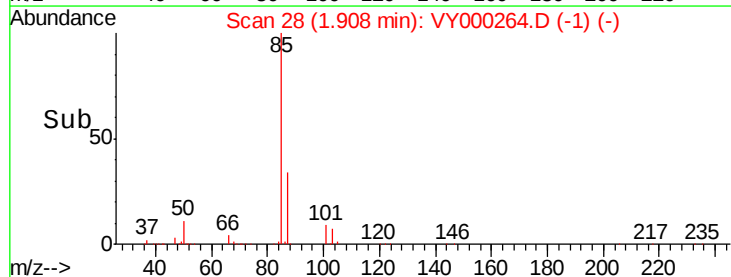
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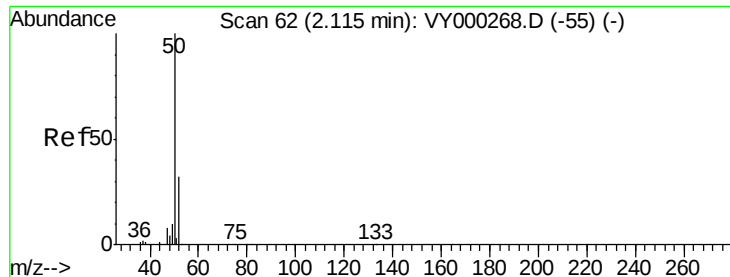
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 37.624 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

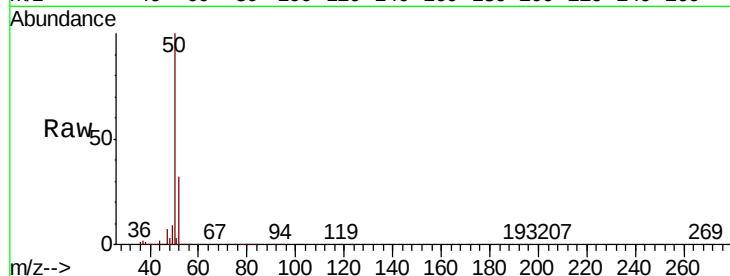
ClientSampleId :

Tot Ion: 50 Resp: 300973

Ion Ratio Lower Upper

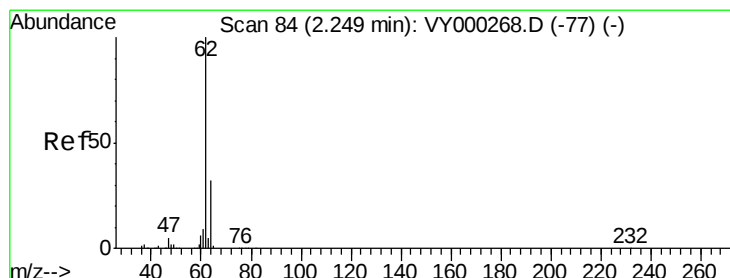
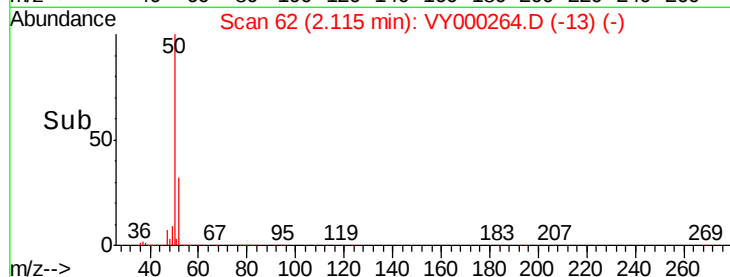
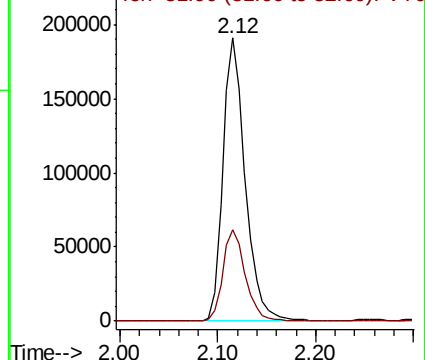
50 100

52 32.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 41.177 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000264.D

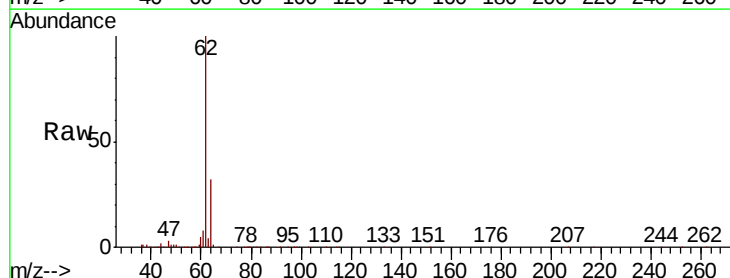
Acq: 11 Oct 2019 11:50

Tgt Ion: 62 Resp: 332431

Ion Ratio Lower Upper

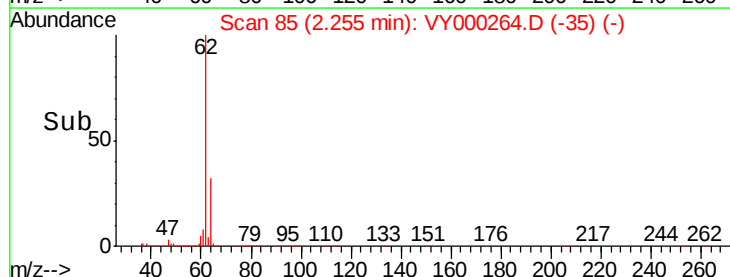
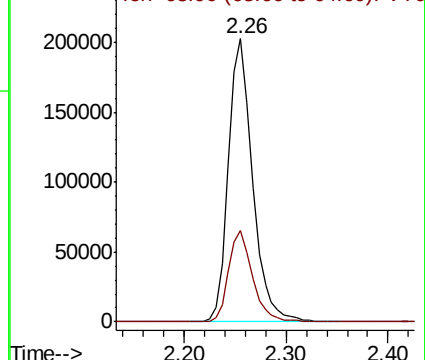
62 100

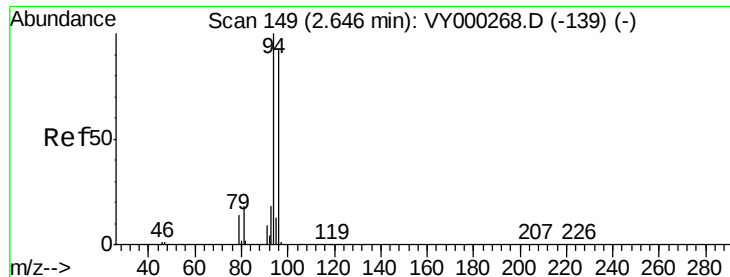
64 32.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 42.814 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

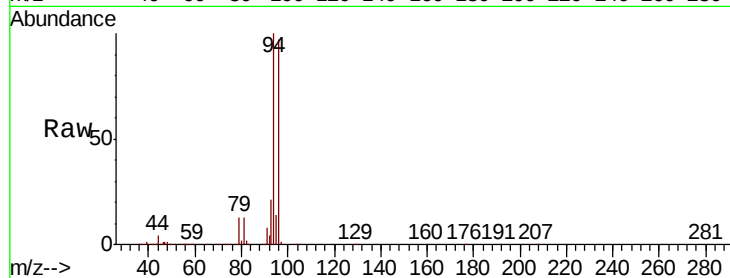
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 222050

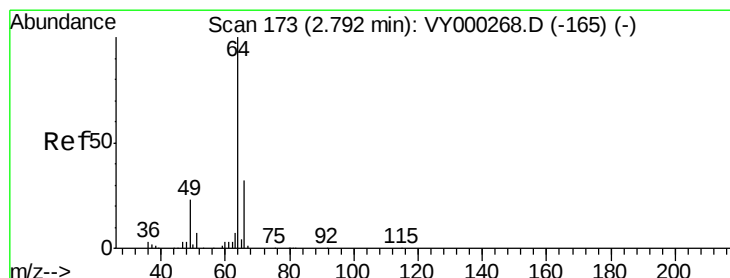
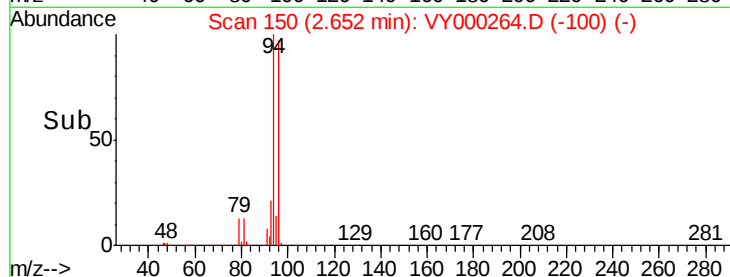
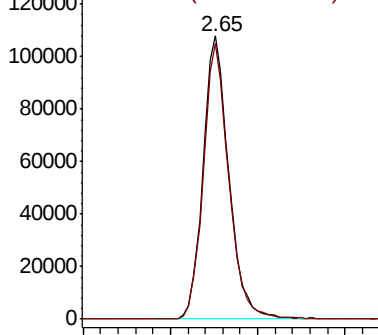
Ion Ratio Lower Upper

94 100

96 97.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 41.480 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000264.D

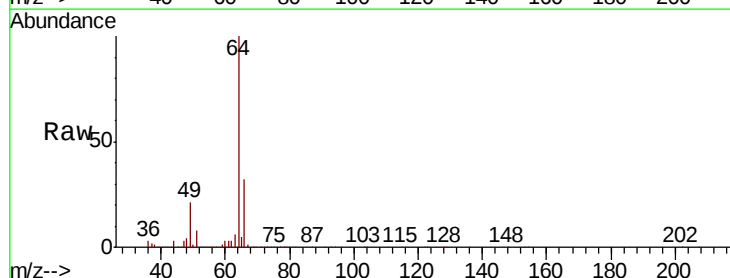
Acq: 11 Oct 2019 11:50

Tgt Ion: 64 Resp: 216074

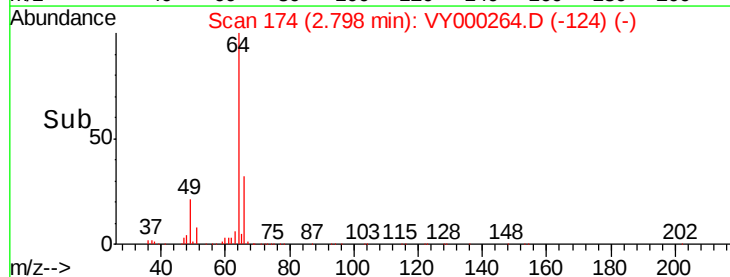
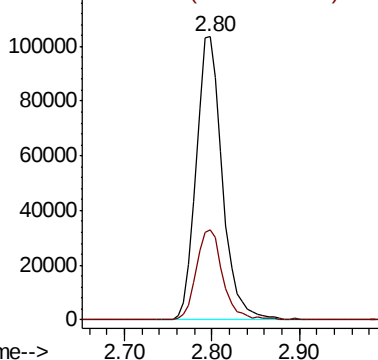
Ion Ratio Lower Upper

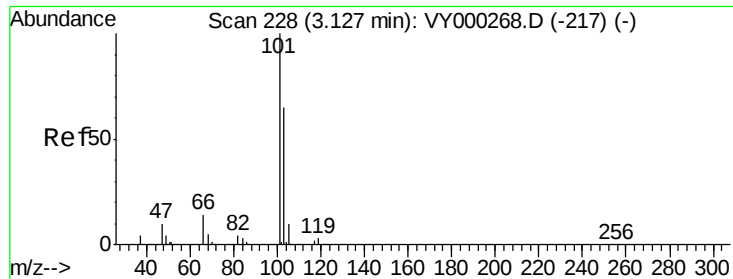
64 100

66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



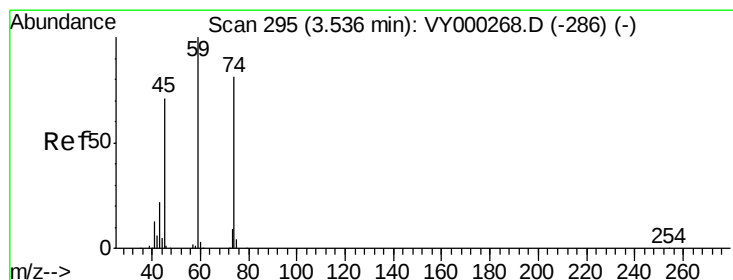
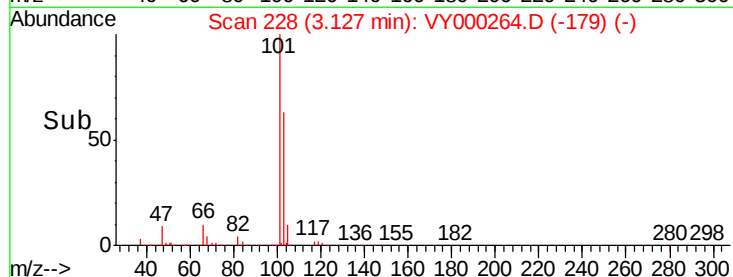
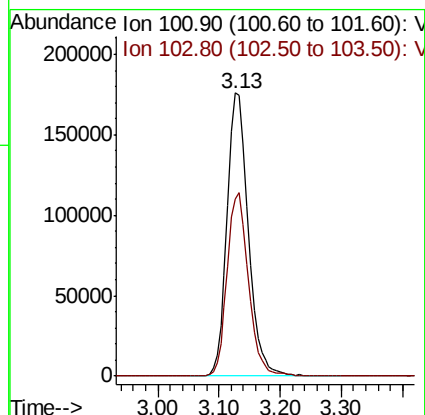
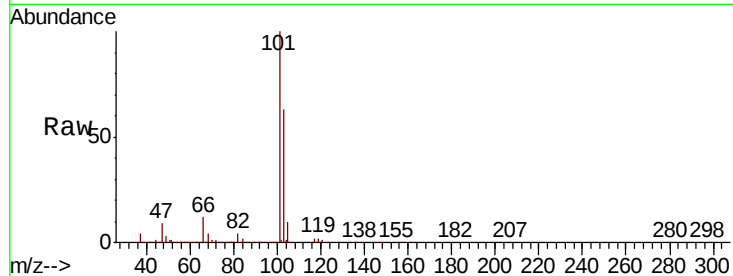


#7

Trichlorofluoromethane
Concen: 38.213 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampleId :

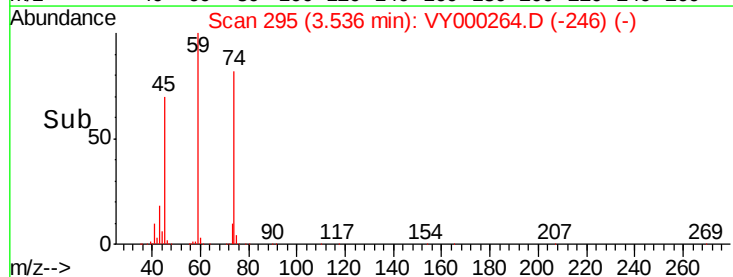
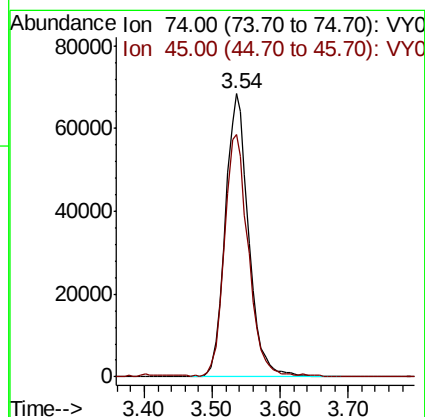
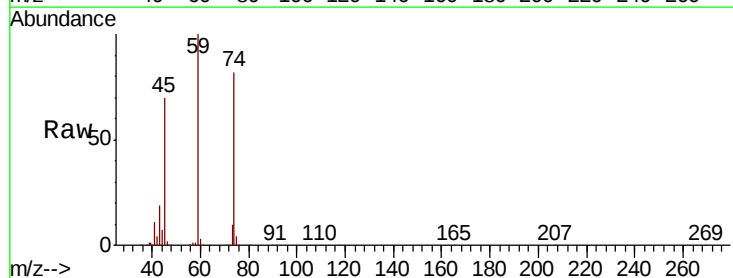
Tot Ion:101 Resp: 422002
Ion Ratio Lower Upper
101 100
103 62.6 52.2 78.4

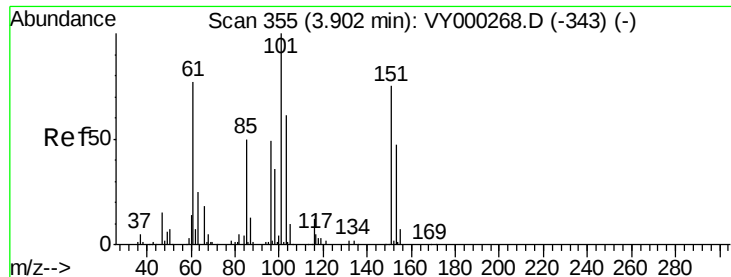


#8

Diethyl Ether
Concen: 41.550 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion: 74 Resp: 162099
Ion Ratio Lower Upper
74 100
45 87.8 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.037 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampled :

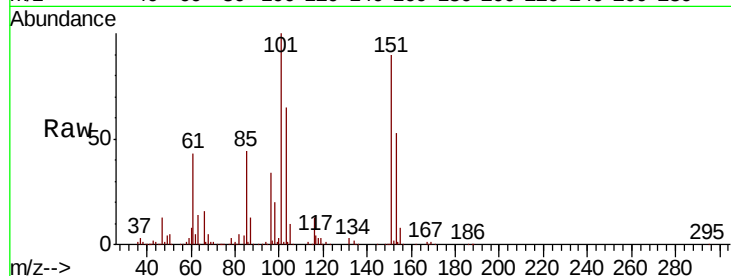
Tot Ion:101 Resp: 274836

Ion Ratio Lower Upper

101 100

85 43.3 36.6 55.0

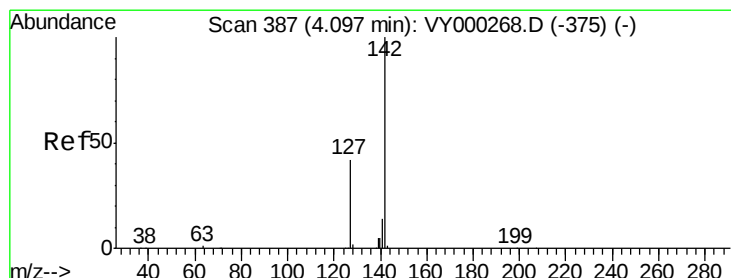
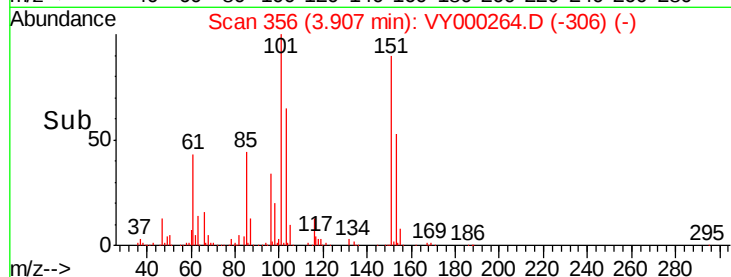
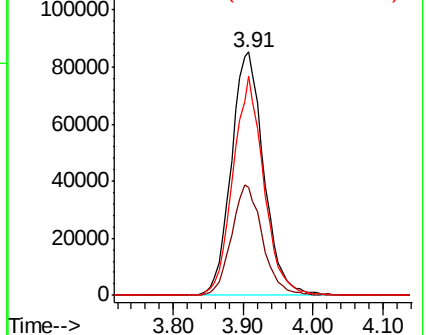
151 85.3 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.559 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

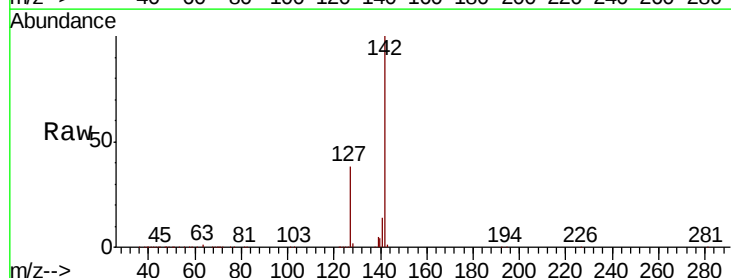
Tgt Ion:142 Resp: 433578

Ion Ratio Lower Upper

142 100

127 37.7 33.9 50.9

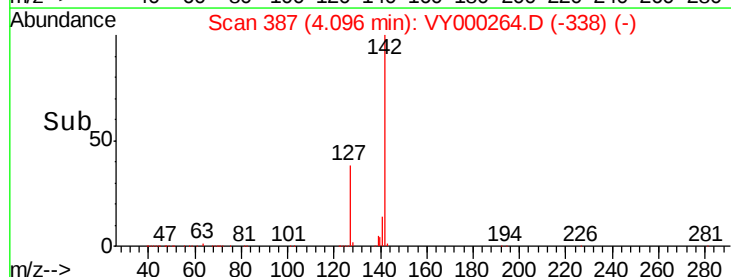
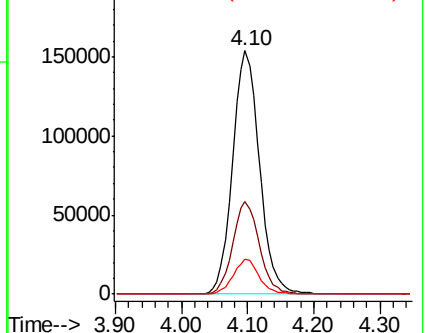
141 13.9 11.2 16.8

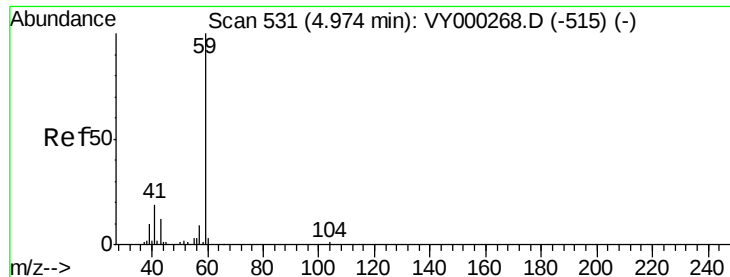


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



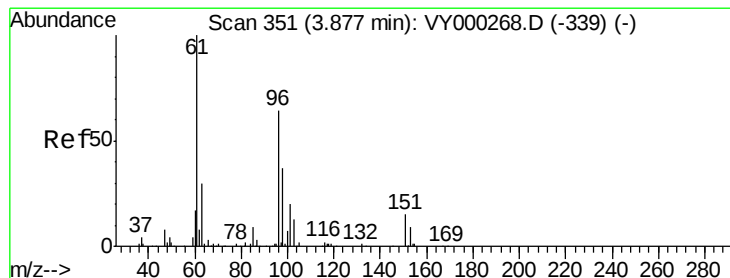
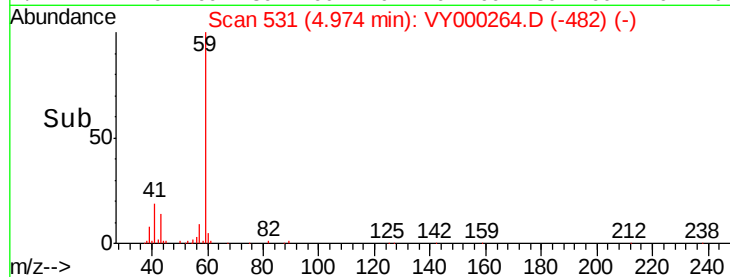
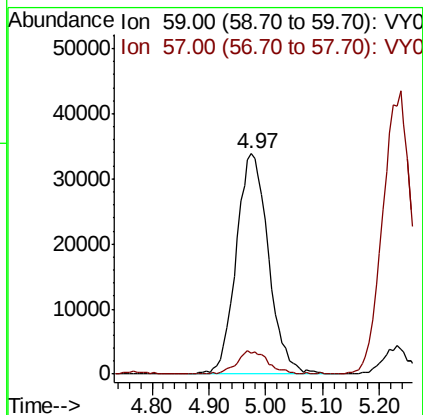
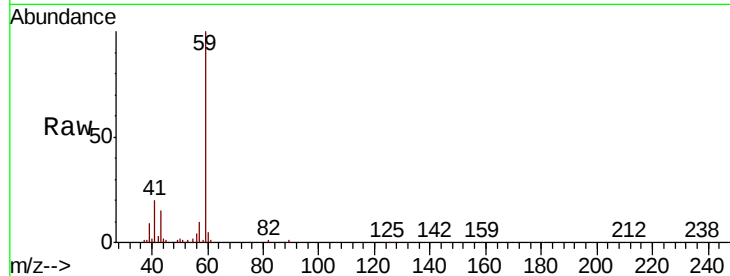


#11

Tert butyl alcohol
 Concen: 184.951 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :

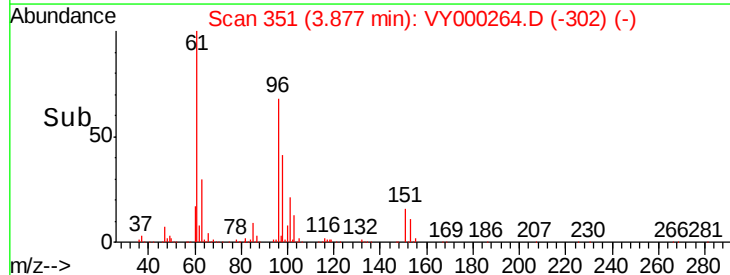
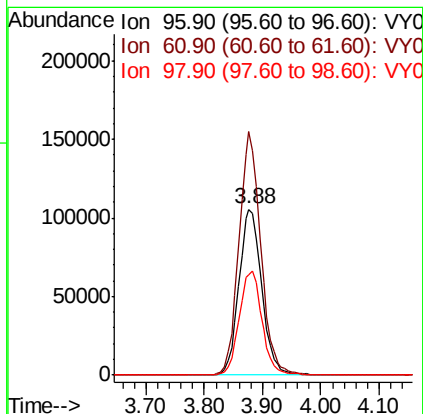
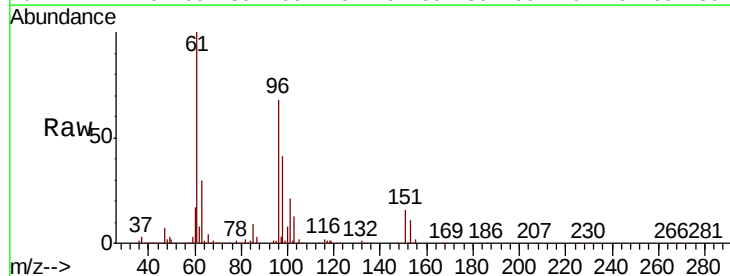
Tot Ion: 59 Resp: 133657
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

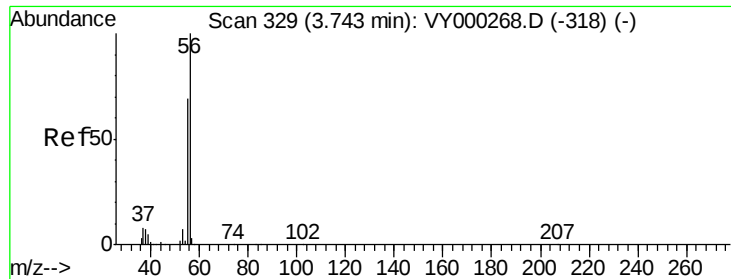


#12

1,1-Dichloroethene
 Concen: 43.169 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion: 96 Resp: 285420
 Ion Ratio Lower Upper
 96 100
 61 147.0 125.8 188.6
 98 60.6 46.2 69.2





#13

Acrolein

Concen: 191.589 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

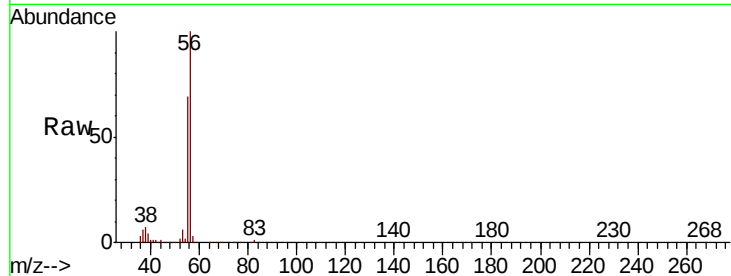
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 162323

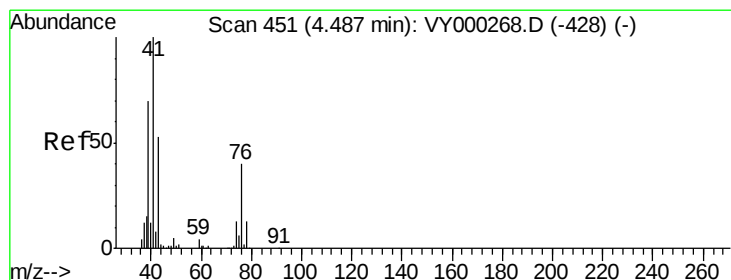
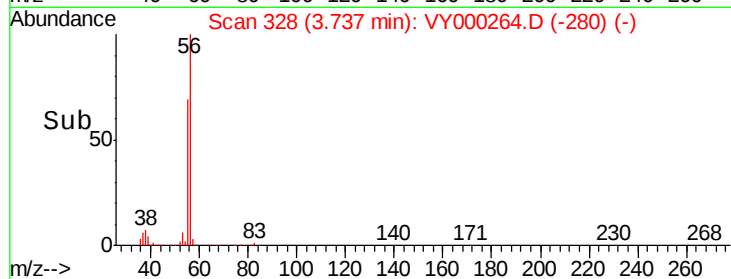
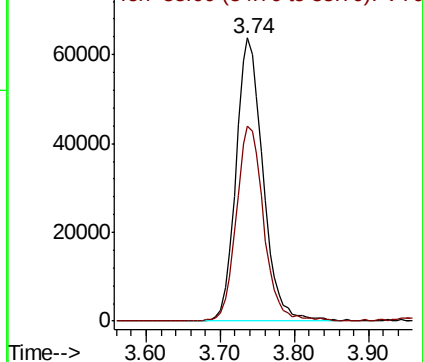
Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 39.461 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

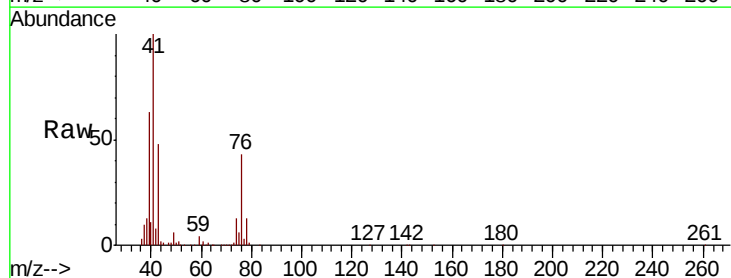
Tgt Ion: 41 Resp: 432364

Ion Ratio Lower Upper

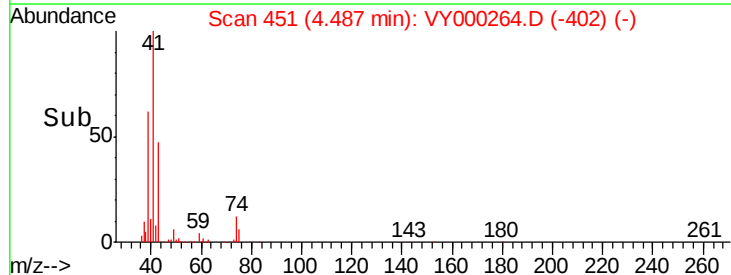
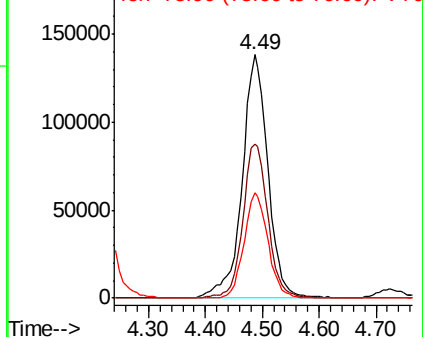
41 100

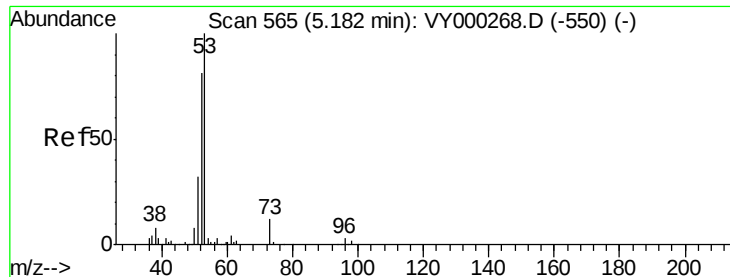
39 62.1 54.0 81.0

76 40.2 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 203.207 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampleId :

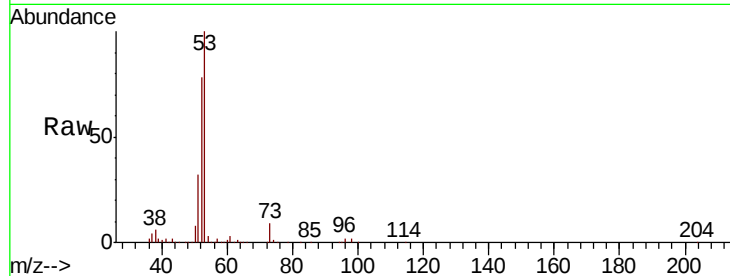
Tot Ion: 53 Resp: 443726

Ion Ratio Lower Upper

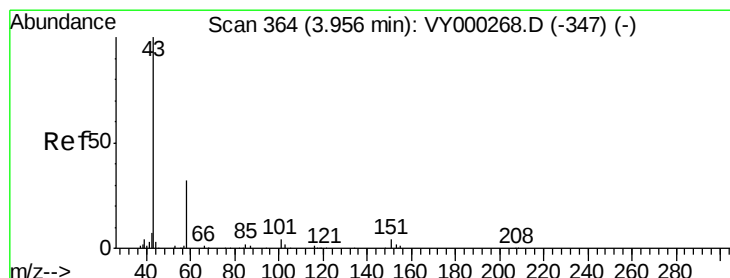
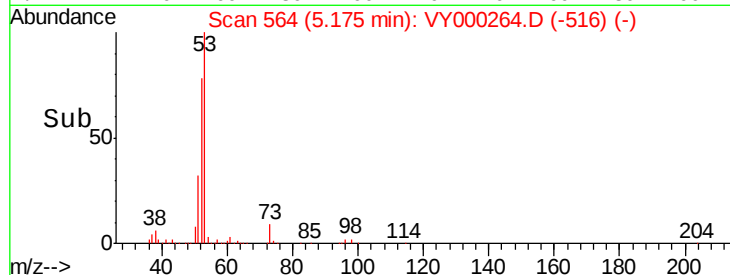
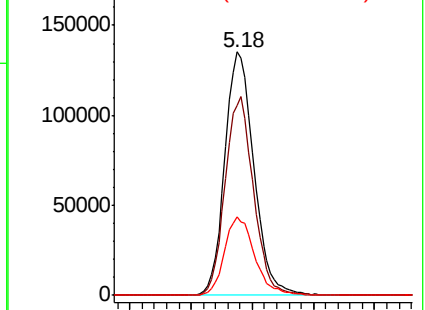
53 100

52 79.0 62.9 94.3

51 33.3 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 236.838 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000264.D

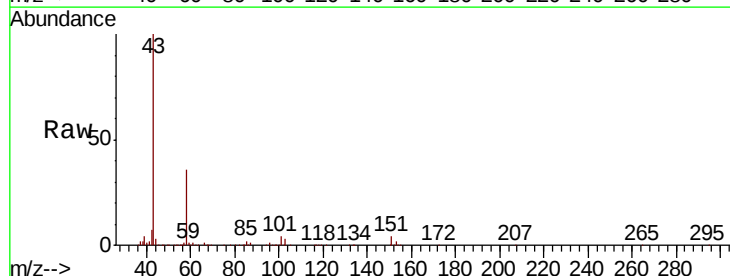
Acq: 11 Oct 2019 11:50

Tgt Ion: 43 Resp: 529635

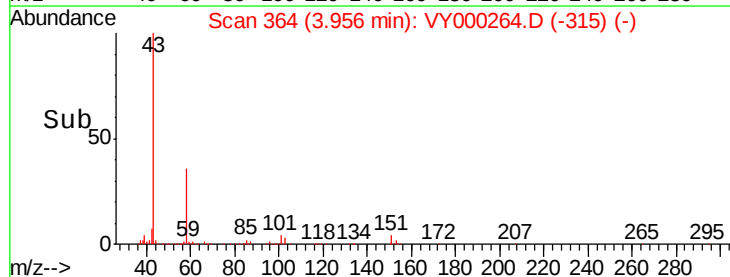
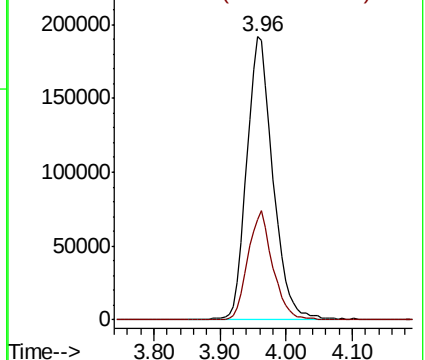
Ion Ratio Lower Upper

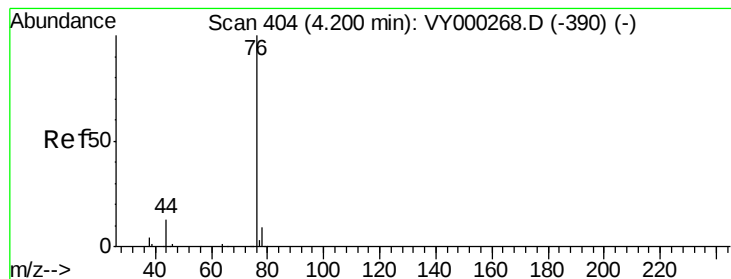
43 100

58 35.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 41.785 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

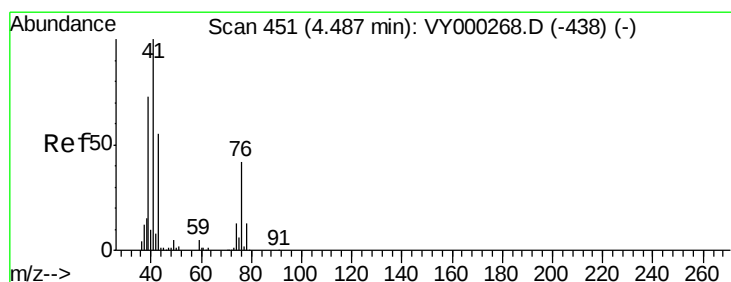
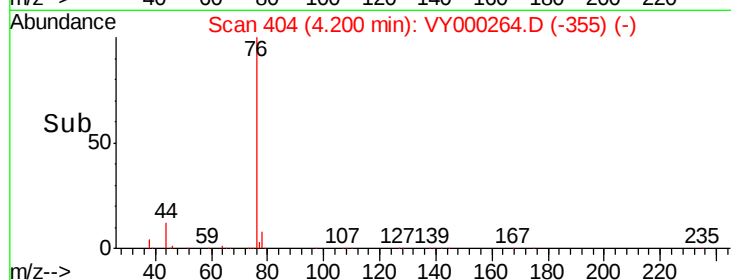
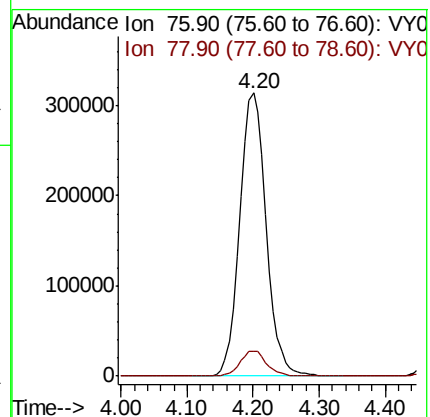
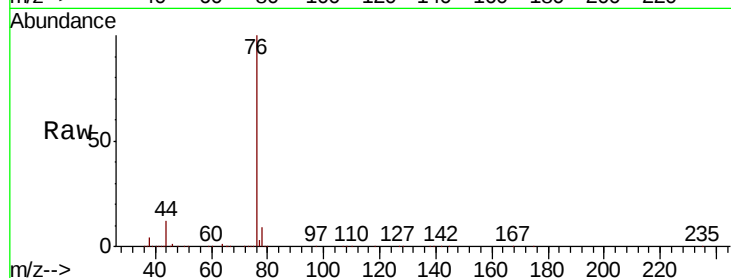
ClientSampleId :

Tot Ion: 76 Resp: 869841

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 36.309 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000264.D

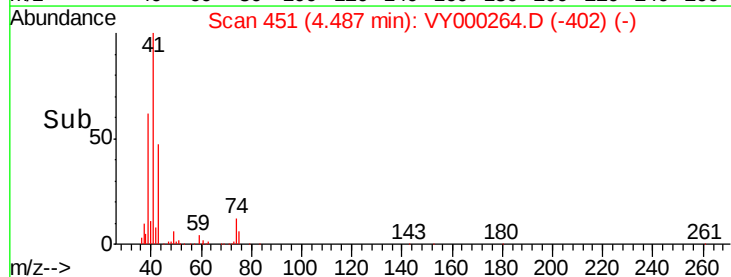
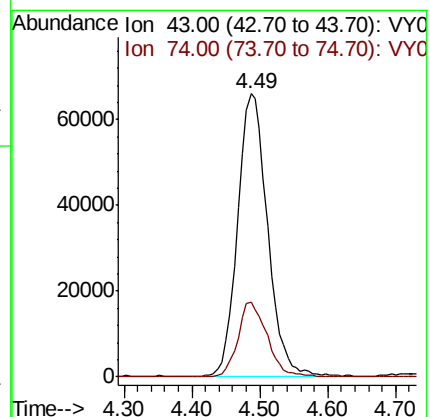
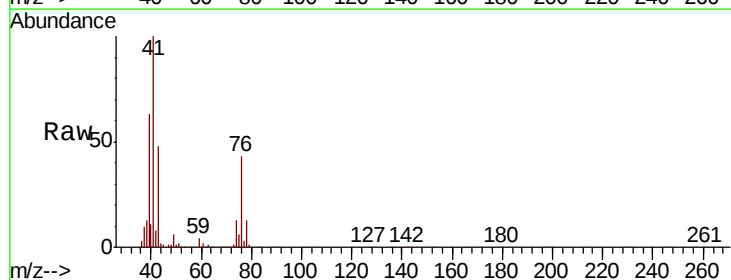
Acq: 11 Oct 2019 11:50

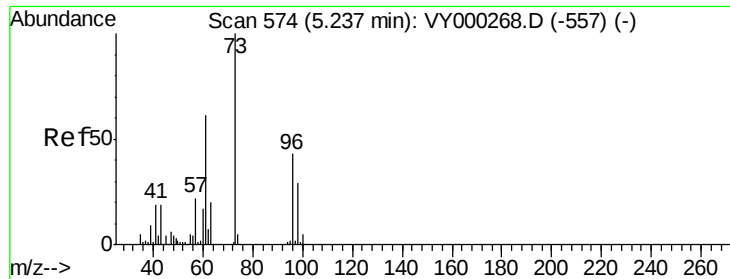
Tgt Ion: 43 Resp: 201743

Ion Ratio Lower Upper

43 100

74 25.8 20.4 30.6

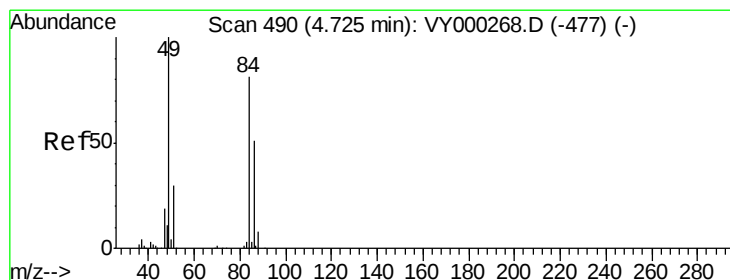
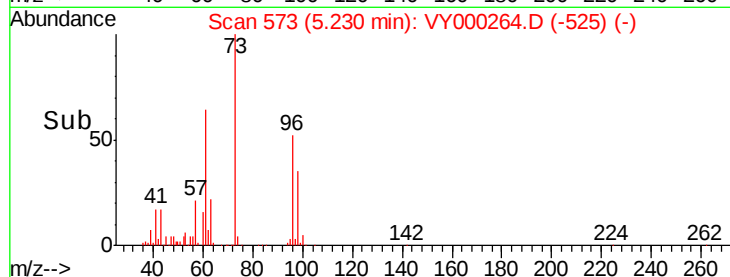
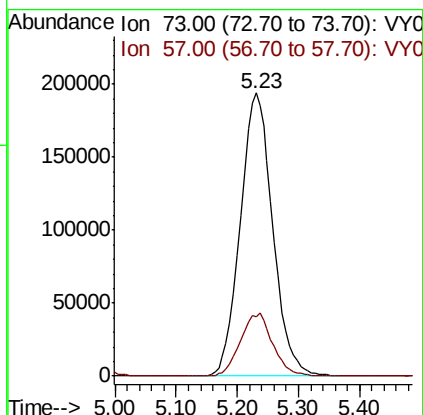
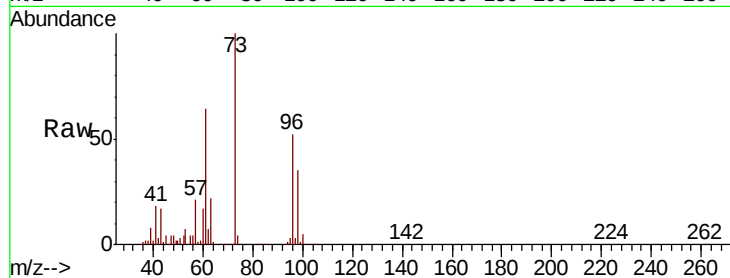




#19
Methyl tert-butyl Ether
Concen: 38.776 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

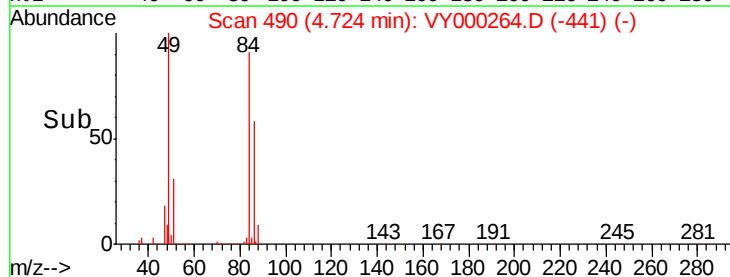
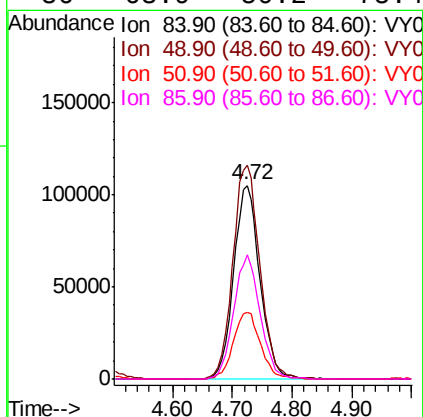
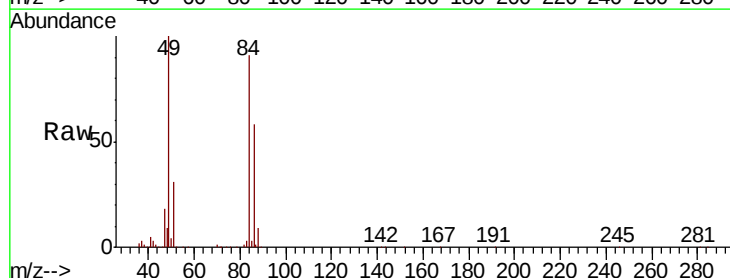
Instrument :
MSVOA_Y
ClientSampled :

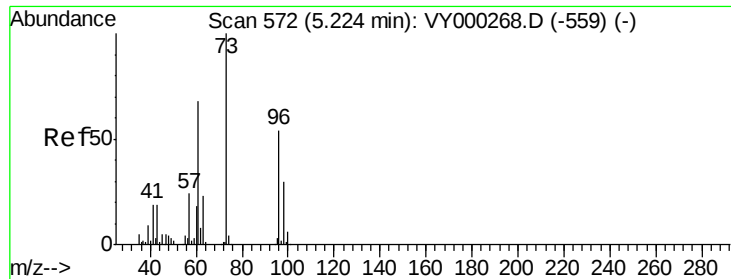
Tot Ion: 73 Resp: 713696
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 41.837 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion: 84 Resp: 321922
Ion Ratio Lower Upper
84 100
49 110.2 99.0 148.4
51 34.1 29.3 43.9
86 63.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 42.675 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

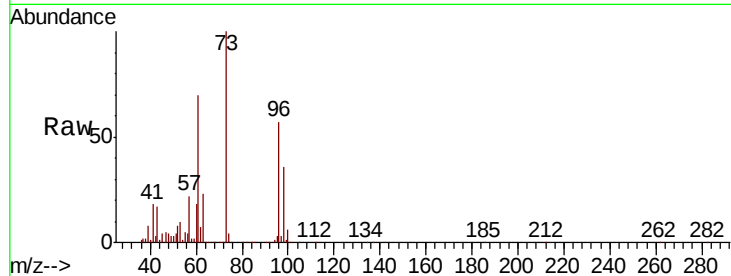
Tot Ion: 96 Resp: 323719

Ion Ratio Lower Upper

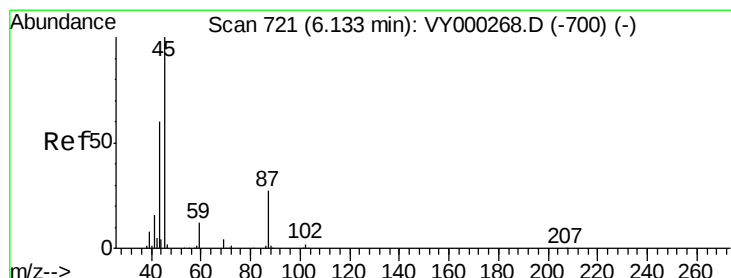
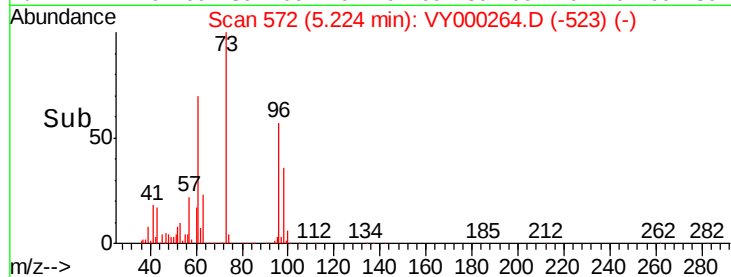
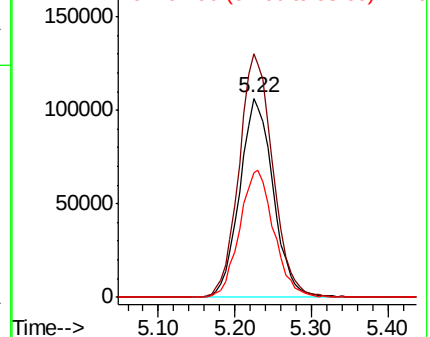
96 100

61 122.4 100.4 150.6

98 62.8 44.6 66.8



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 39.150 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Tgt Ion: 45 Resp: 907264

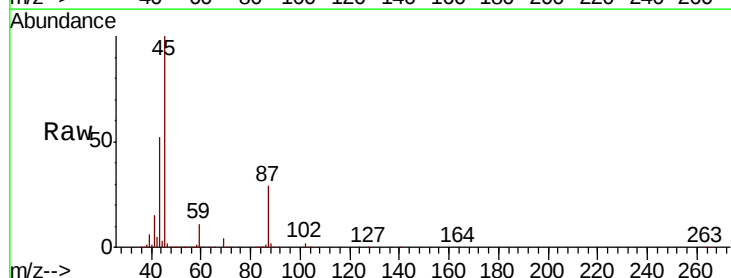
Ion Ratio Lower Upper

45 100

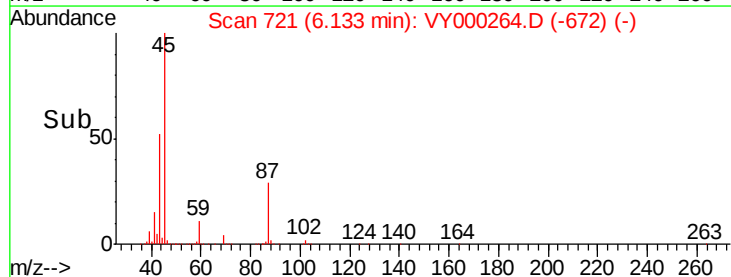
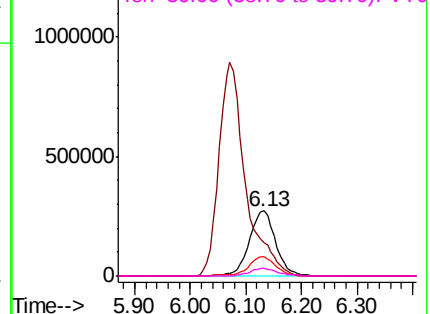
43 51.8 48.5 72.7

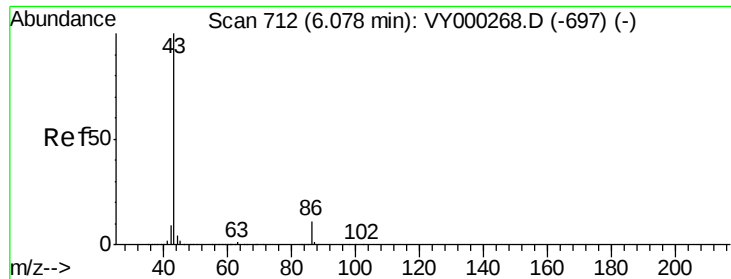
87 28.7 21.5 32.3

59 11.2 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 196.634 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

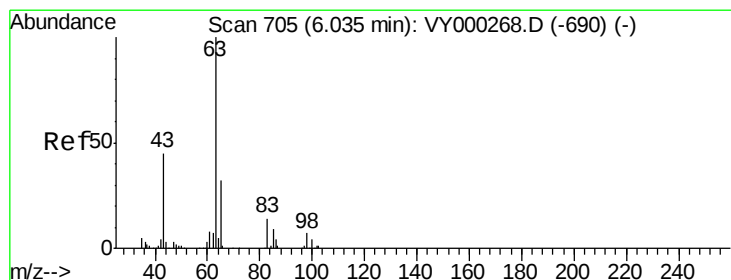
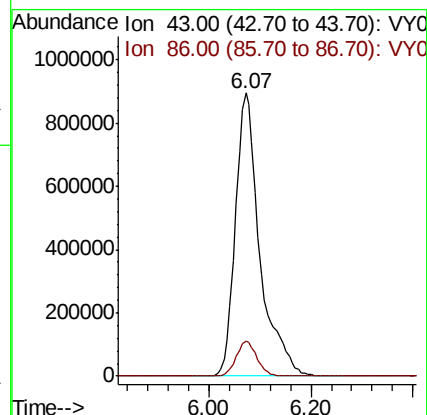
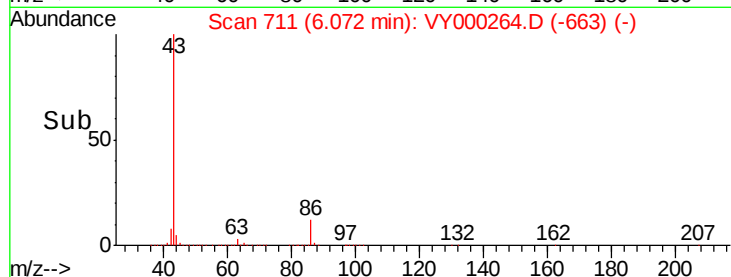
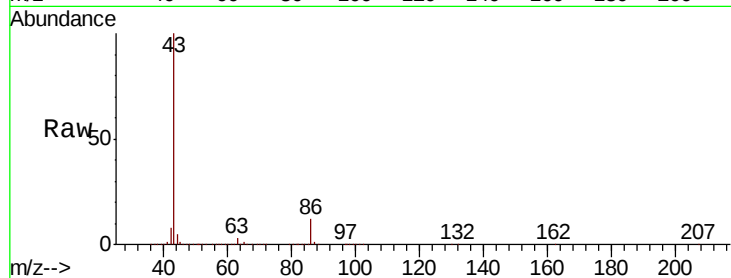
ClientSampled :

Tot Ion: 43 Resp: 2972781

Ion Ratio Lower Upper

43 100

86 12.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 39.825 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

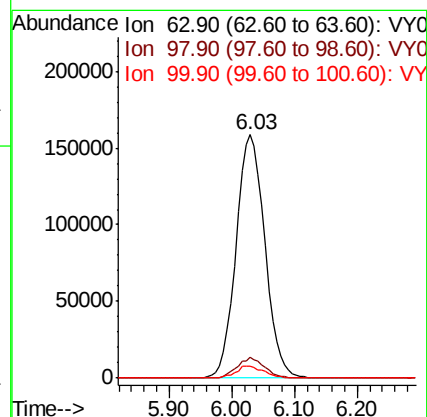
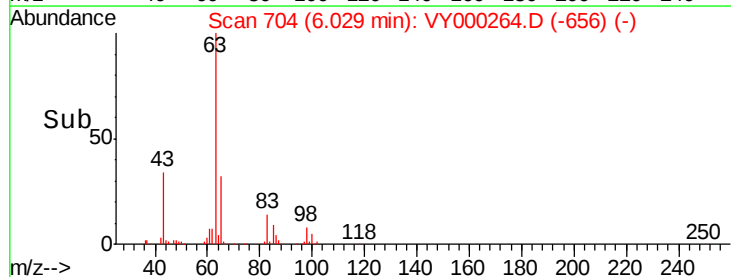
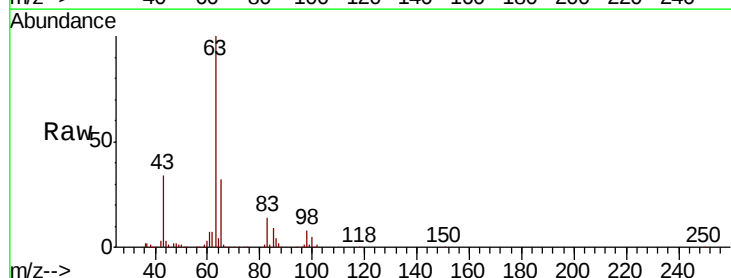
Tgt Ion: 63 Resp: 503754

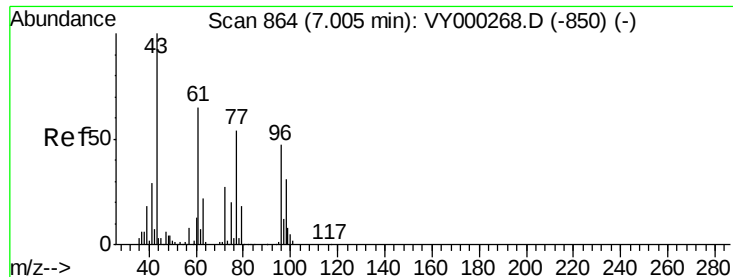
Ion Ratio Lower Upper

63 100

98 8.3 3.5 10.4

100 4.9 2.1 6.2





#25

2-Butanone

Concen: 211.455 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

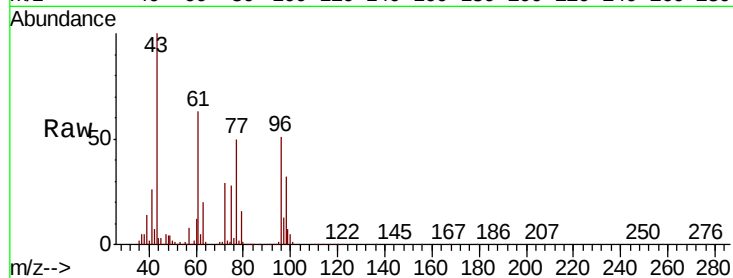
ClientSampleId :

Tot Ion: 43 Resp: 666127

Ion Ratio Lower Upper

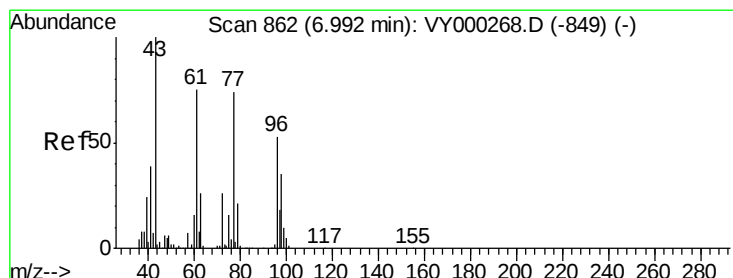
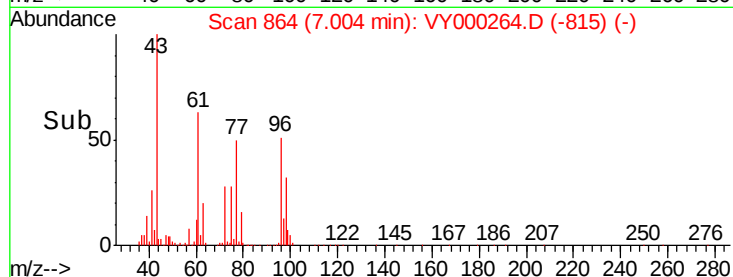
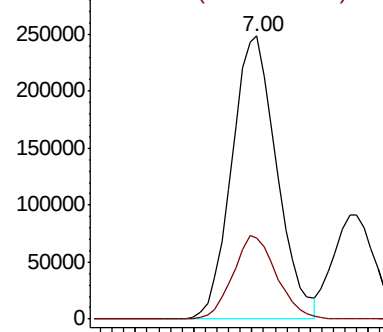
43 100

72 28.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 38.509 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000264.D

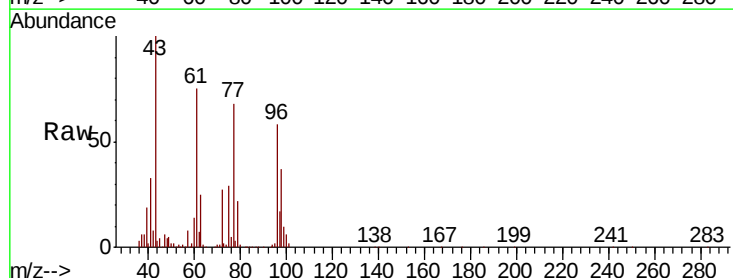
Acq: 11 Oct 2019 11:50

Tgt Ion: 77 Resp: 448854

Ion Ratio Lower Upper

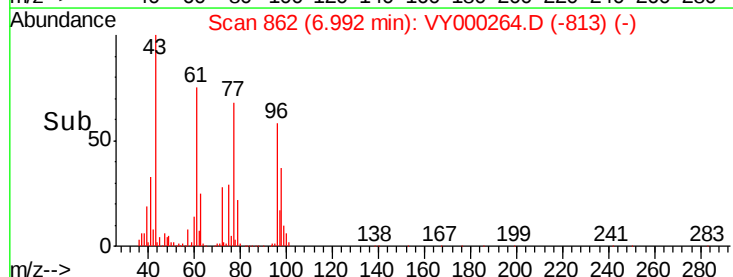
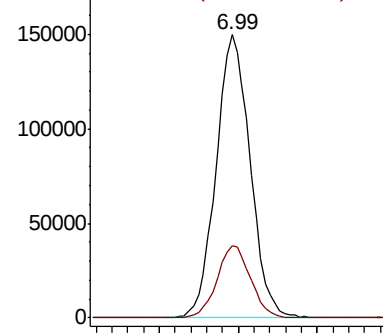
77 100

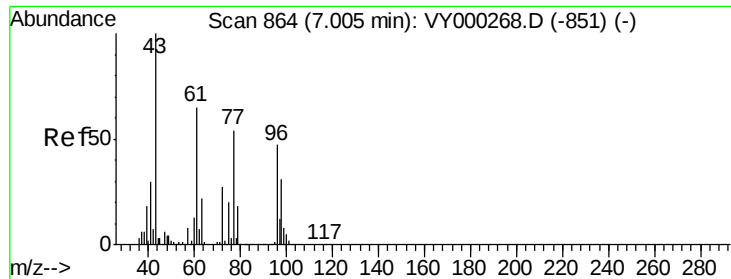
97 25.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



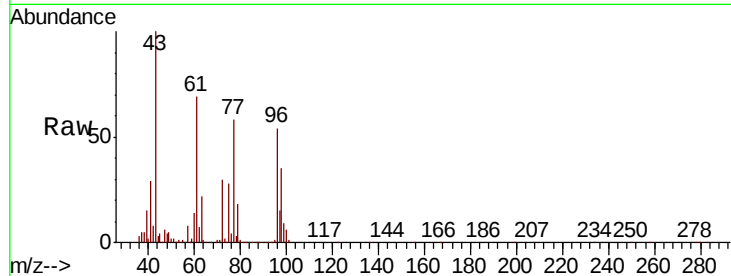


#27

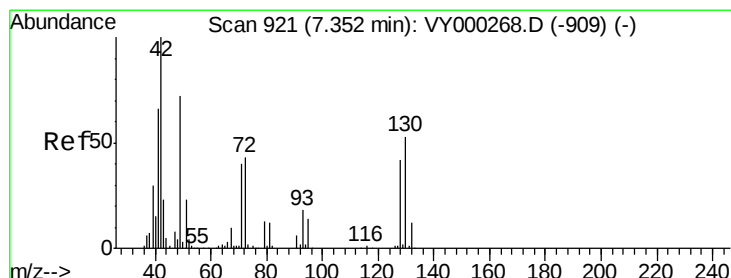
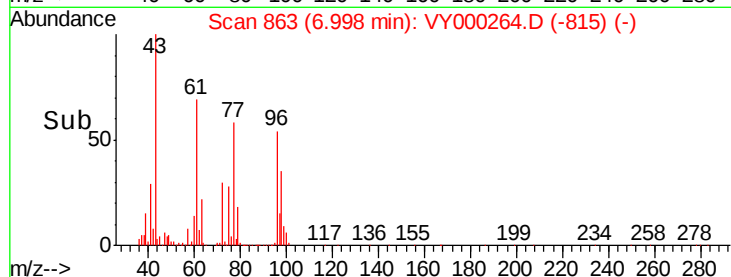
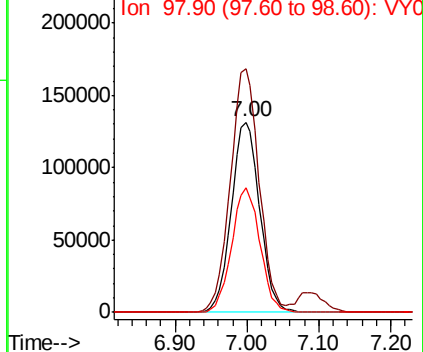
cis-1,2-Dichloroethene
 Concen: 43.778 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	289.8
98	65.3	0.0	131.8



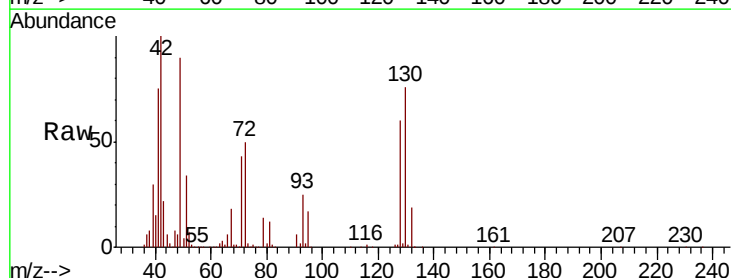
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



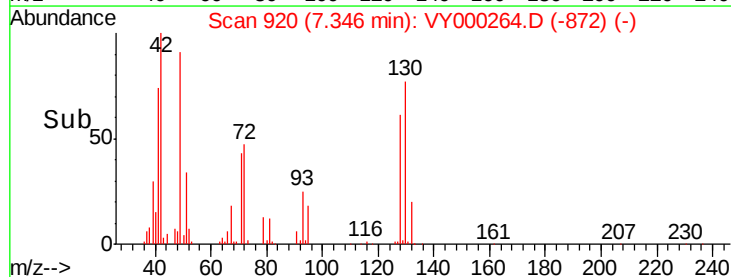
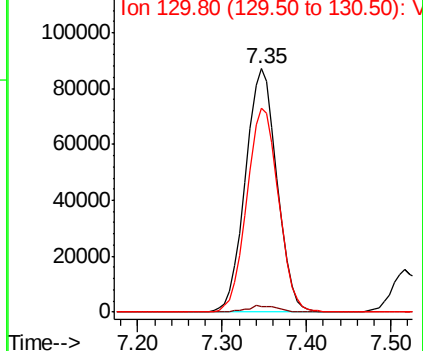
#28

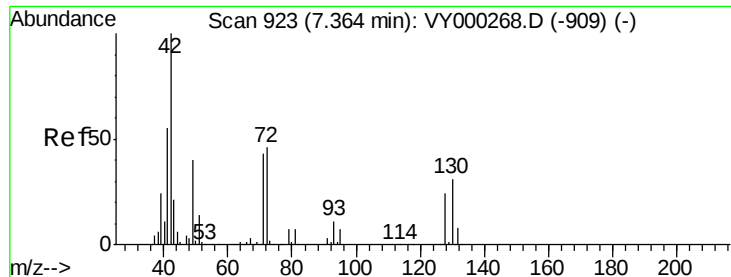
Bromochloromethane
 Concen: 40.609 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	84.7	58.2	87.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

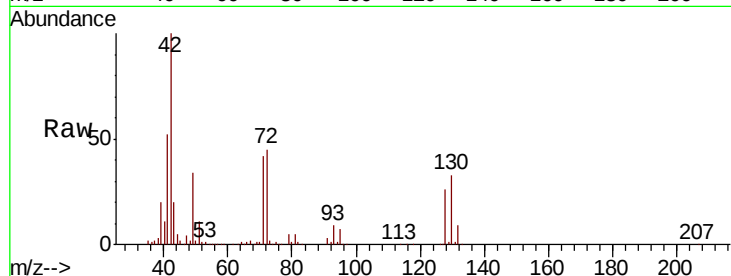




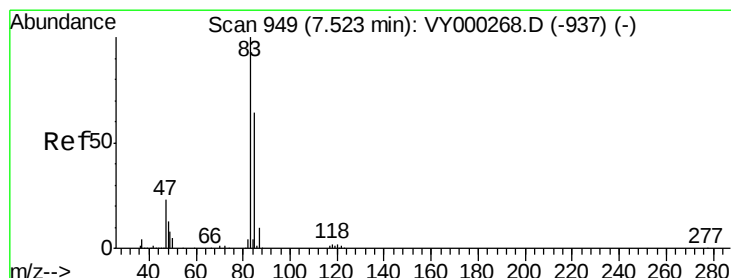
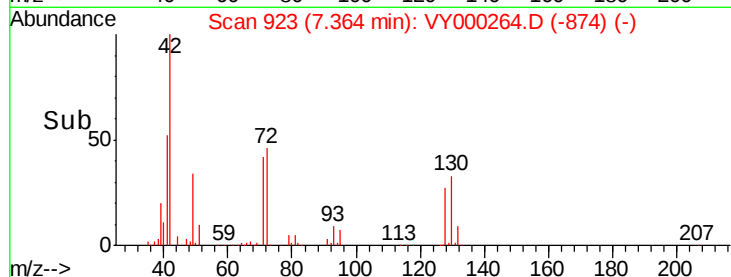
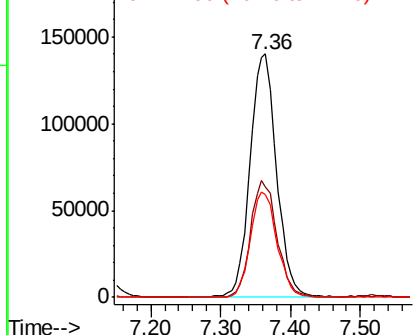
#29
Tetrahydrofuran
Concen: 193.066 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 368591
Ion Ratio Lower Upper
42 100
72 47.8 34.5 51.7
71 43.6 32.7 49.1

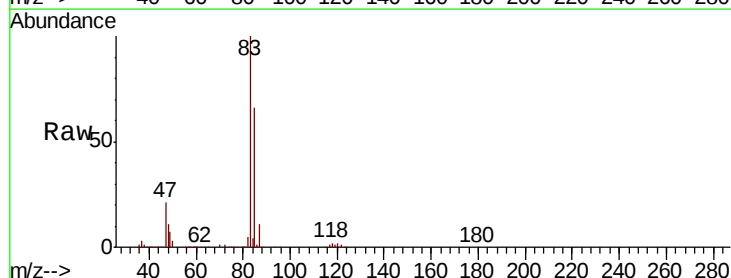


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

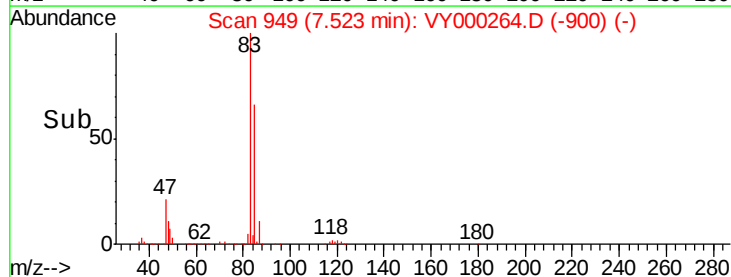
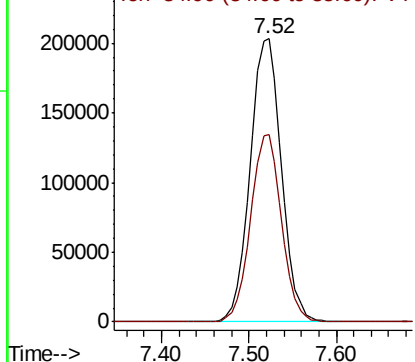


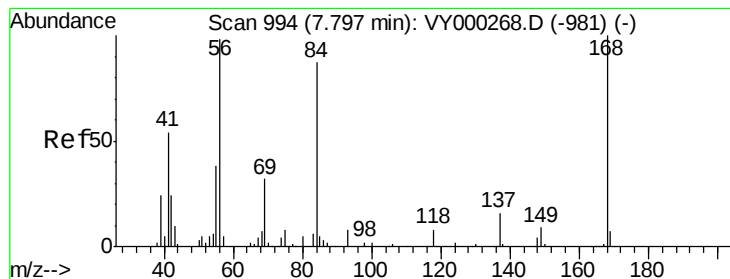
#30
Chloroform
Concen: 39.615 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion: 83 Resp: 504643
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 38.406 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

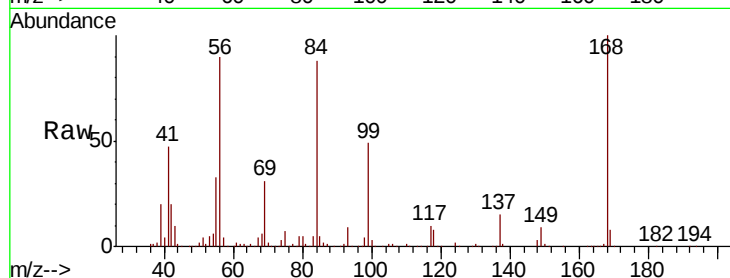
Tot Ion: 56 Resp: 507402

Ion Ratio Lower Upper

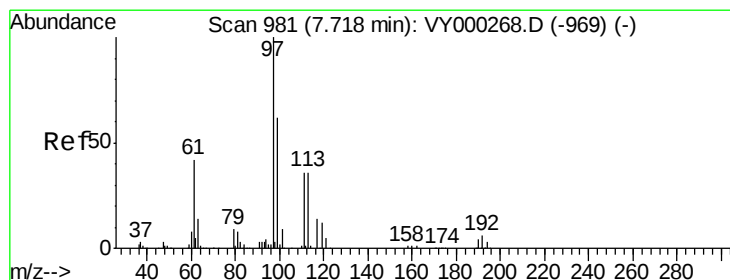
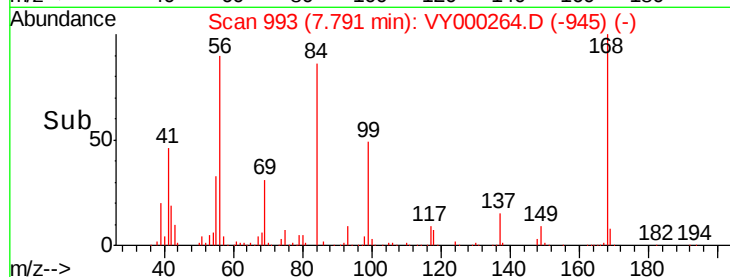
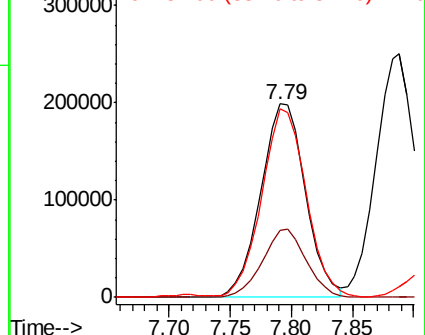
56 100

69 34.5 26.3 39.5

84 96.0 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 39.775 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

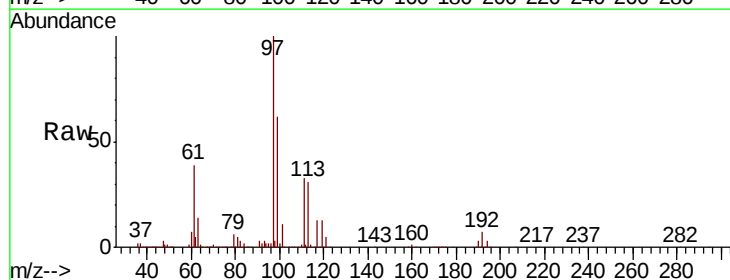
Tgt Ion: 97 Resp: 450451

Ion Ratio Lower Upper

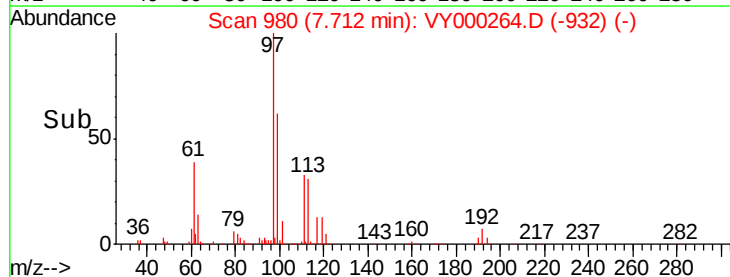
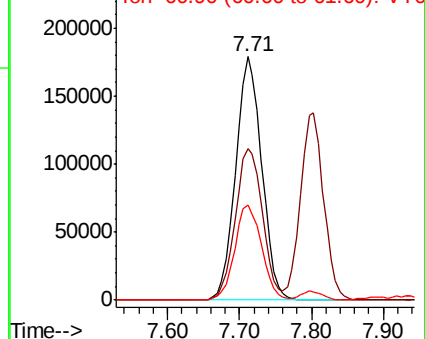
97 100

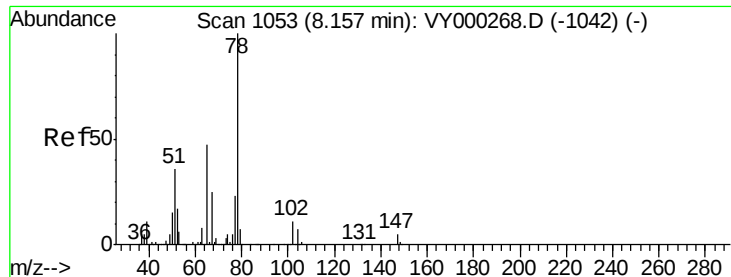
99 65.1 51.7 77.5

61 40.3 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

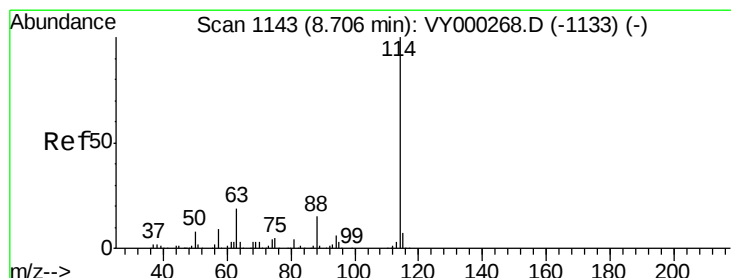
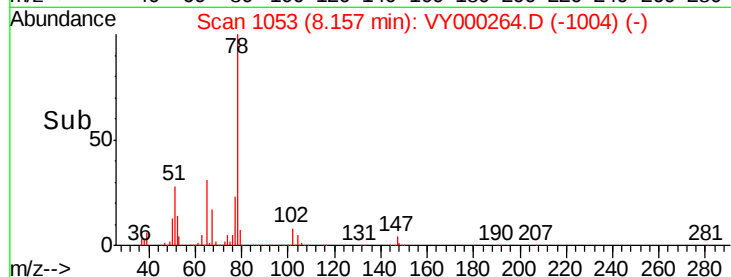
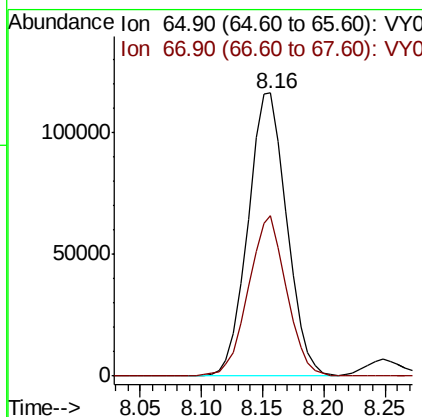
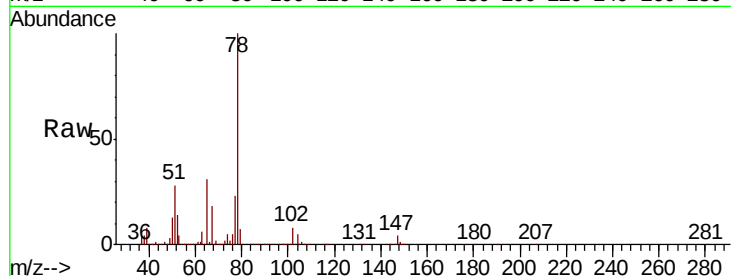




#33
 1,2-Dichloroethane-d4
 Concen: 37.244 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

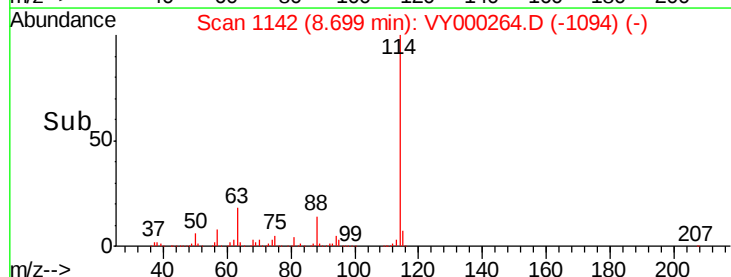
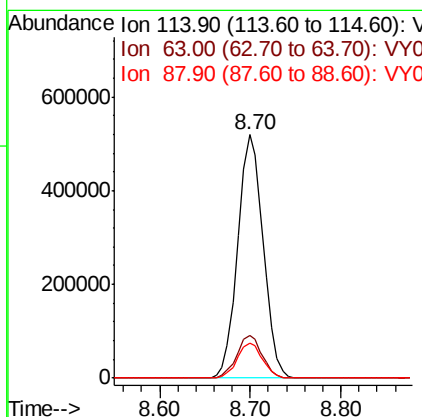
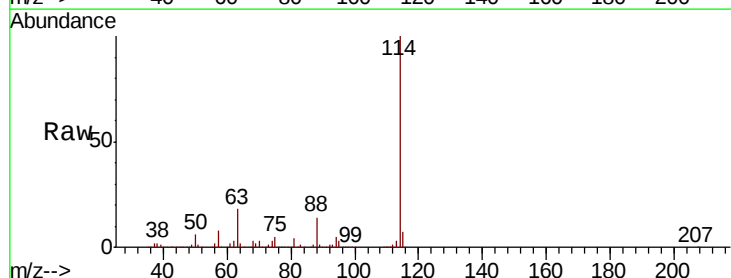
Instrument :
 MSVOA_Y
 ClientSampled :

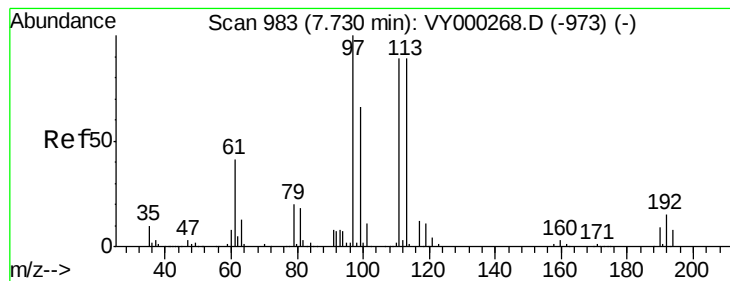
Tot Ion: 65 Resp: 257187
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion: 114 Resp: 1007266
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 37.2
 88 14.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.476 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

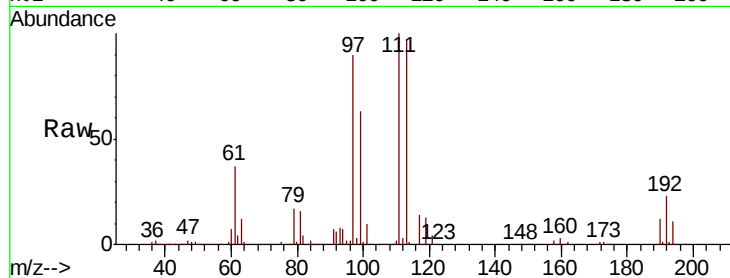
Tot Ion:113 Resp: 270230

Ion Ratio Lower Upper

113 100

111 104.0 81.6 122.4

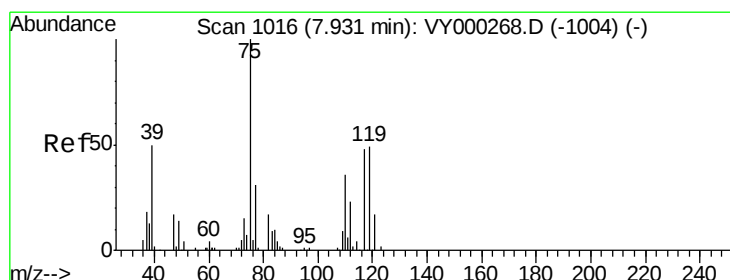
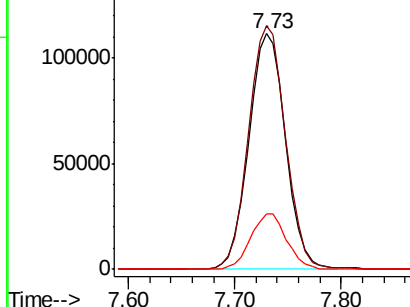
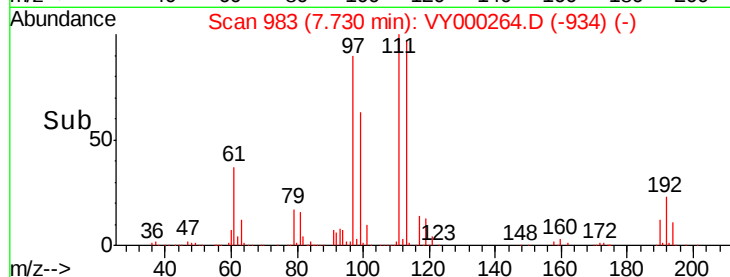
192 23.1 15.3 22.9#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.524 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

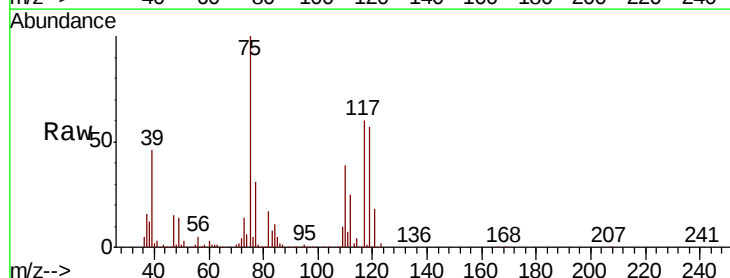
Tgt Ion: 75 Resp: 419365

Ion Ratio Lower Upper

75 100

110 39.3 18.4 55.4

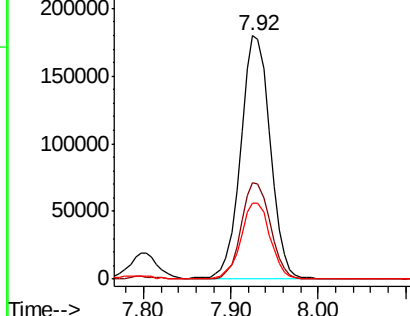
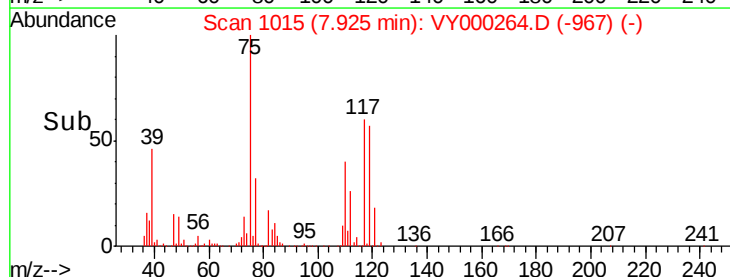
77 31.5 25.0 37.6

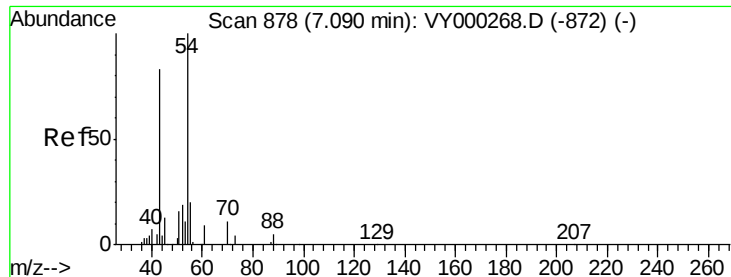


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

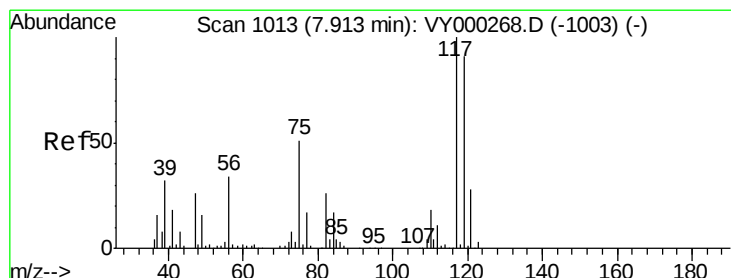
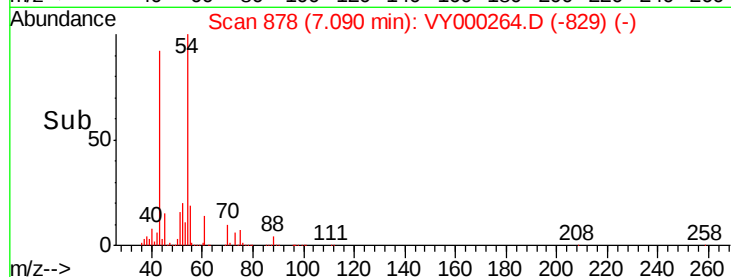
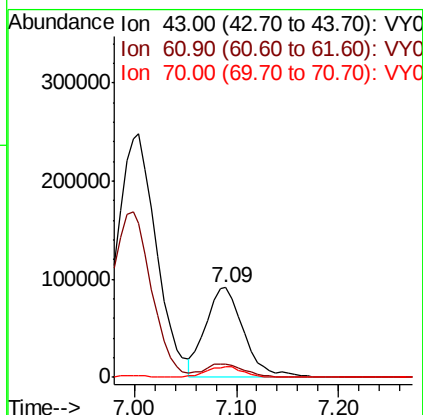
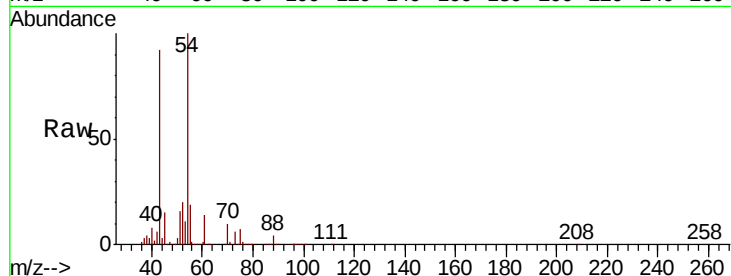




#37
Ethyl Acetate
Concen: 40.598 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

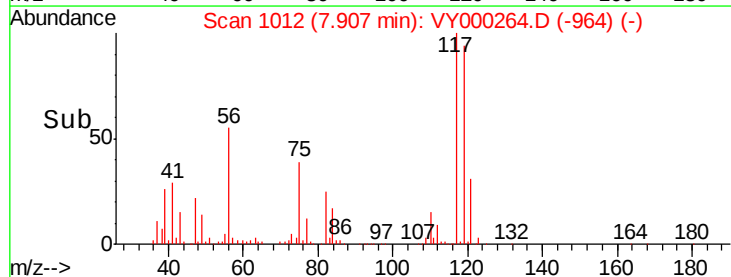
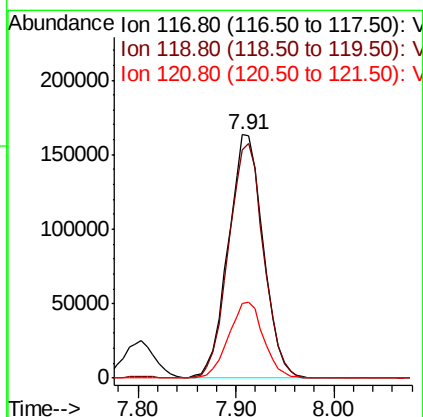
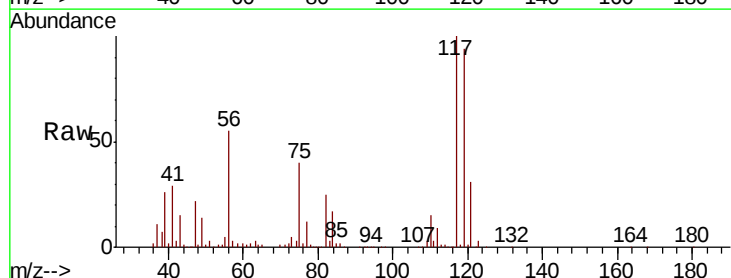
Instrument :
MSVOA_Y
ClientSampleId :

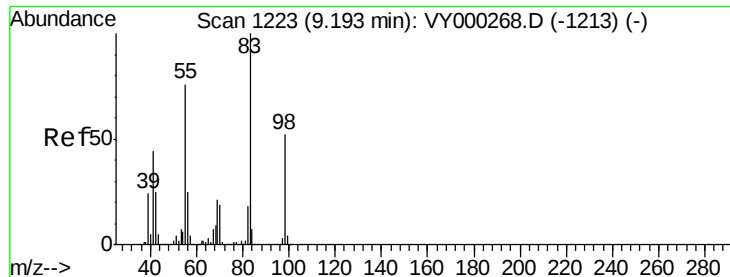
Tot Ion: 43 Resp: 237066
Ion Ratio Lower Upper
43 100
61 15.9 12.1 18.1
70 11.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 42.397 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion: 117 Resp: 404825
Ion Ratio Lower Upper
117 100
119 93.9 72.8 109.2
121 30.5 22.2 33.2

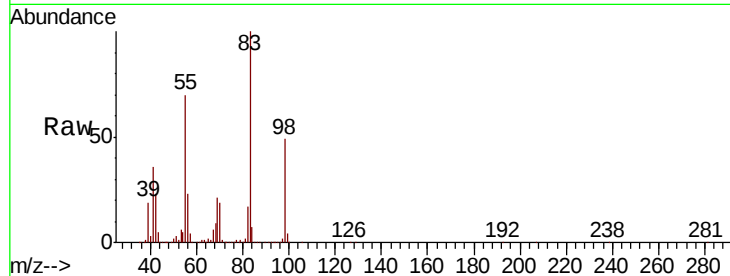




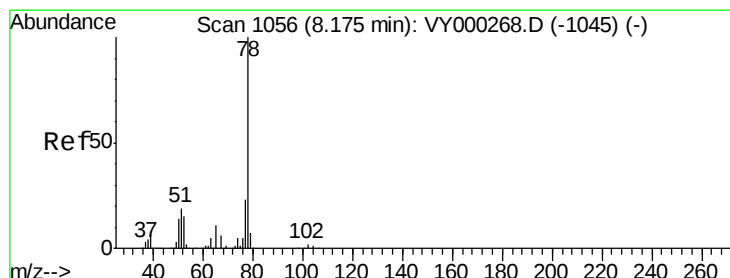
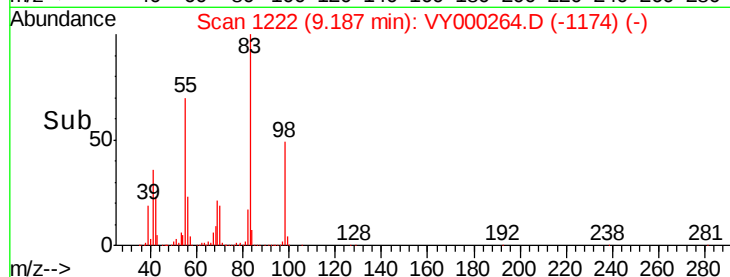
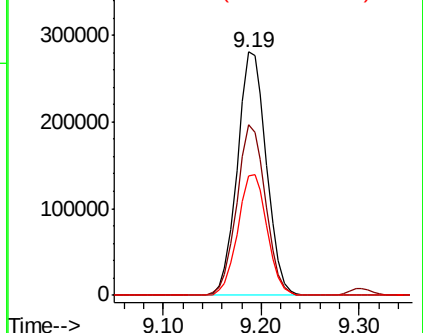
#39
Methvlcvclohexane
Concen: 44.644 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	576230
Ion	Ratio	Lower	Upper
83	100		
55	70.2	60.9	91.3
98	48.8	41.8	62.6

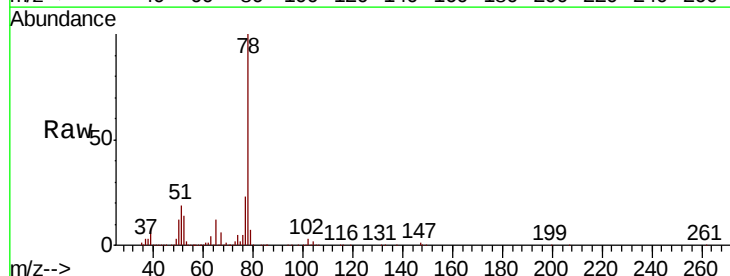


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

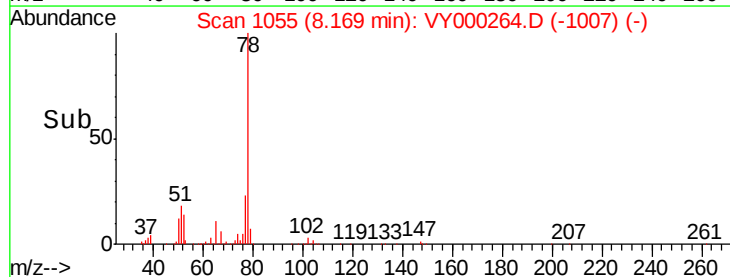
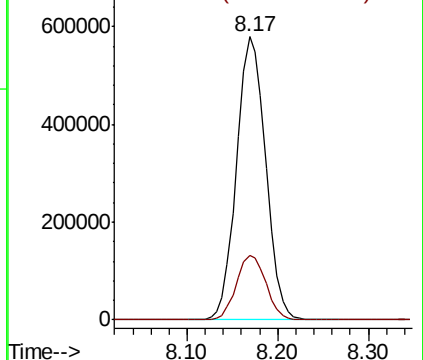


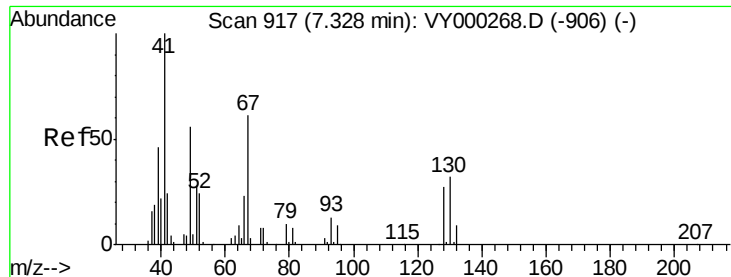
#40
Benzene
Concen: 45.151 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion	78	Resp	1286766
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

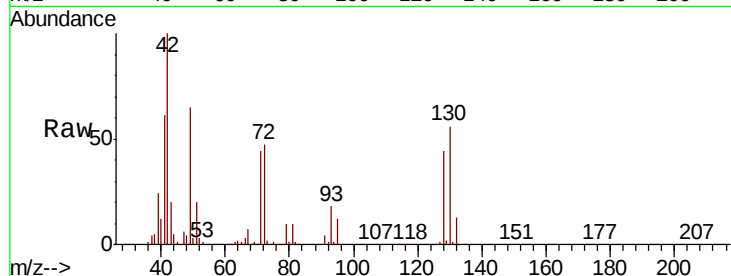




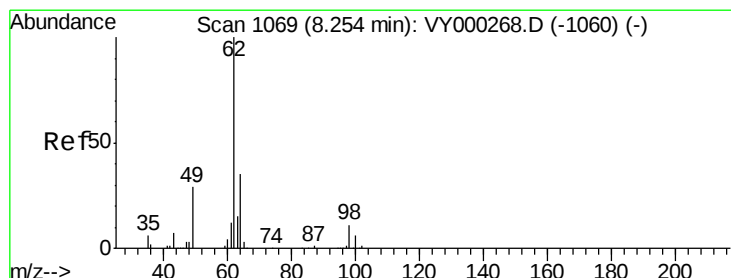
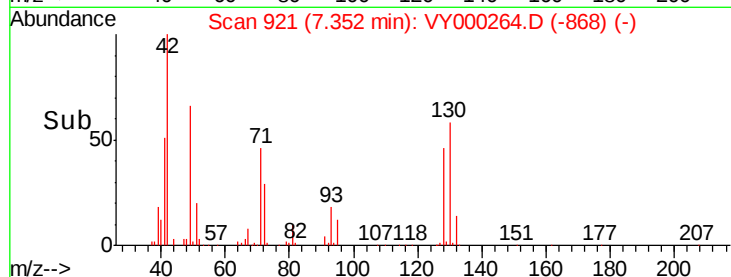
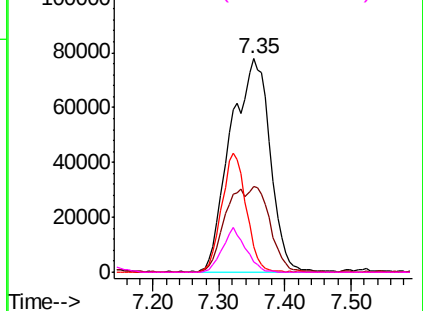
#41
Methacrylonitrile
Concen: 116.308 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 323284
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

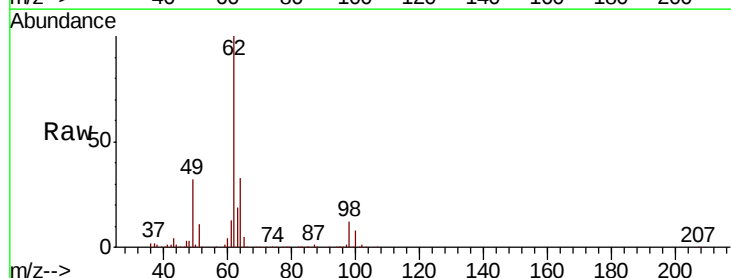


Abundance Ion 41.00 (40.70 to 41.70): VY0
120000 Ion 39.00 (38.70 to 39.70): VY0
100000 Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

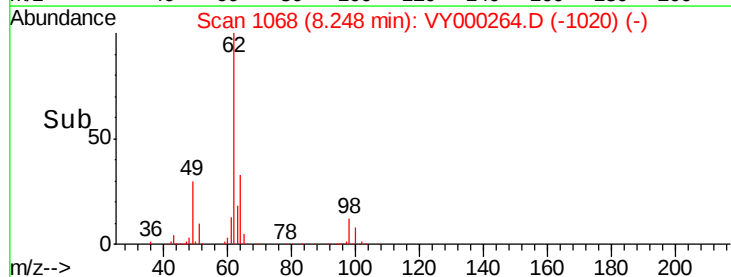
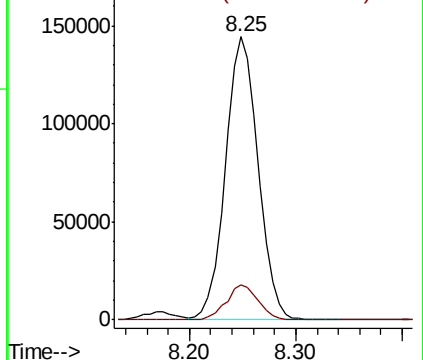


#42
1,2-Dichloroethane
Concen: 38.112 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion: 62 Resp: 310267
Ion Ratio Lower Upper
62 100
98 12.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
150000 Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 39.905 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

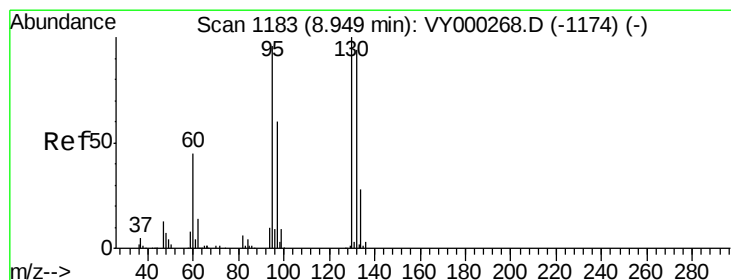
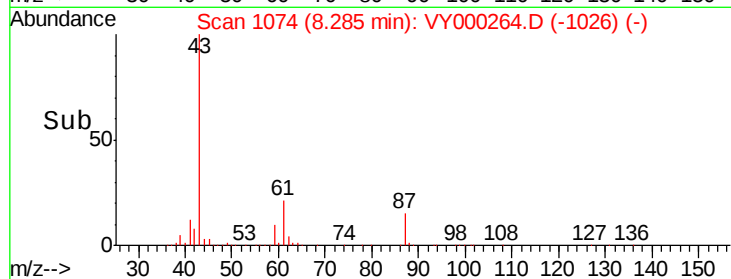
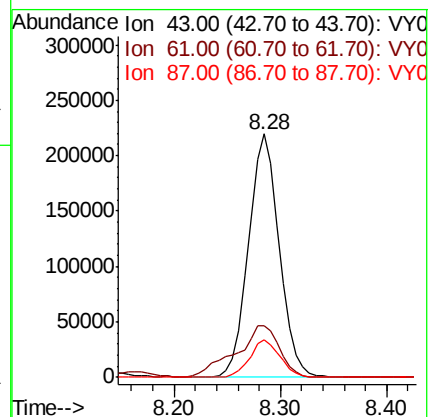
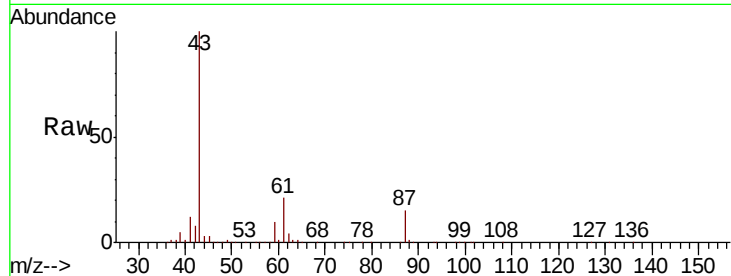
Tot Ion: 43 Resp: 443062

Ion Ratio Lower Upper

43 100

61 30.0 22.3 33.5

87 15.1 10.9 16.3



#44

Trichloroethene

Concen: 46.670 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000264.D

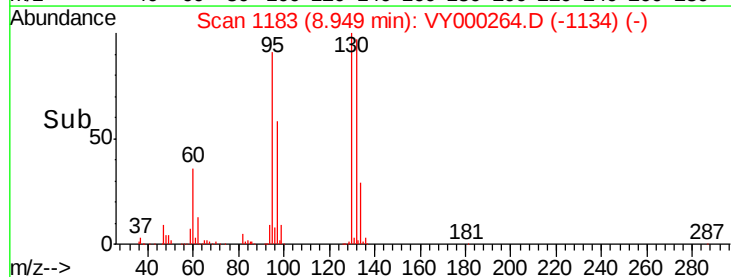
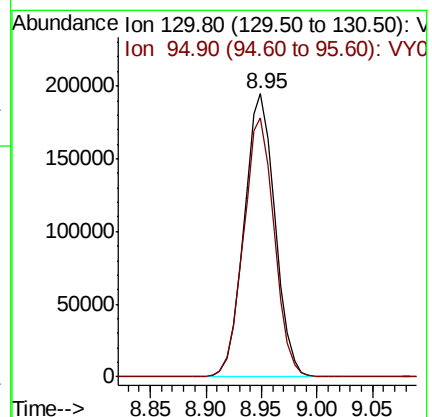
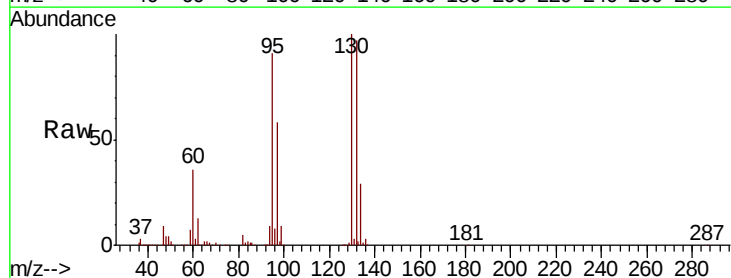
Acq: 11 Oct 2019 11:50

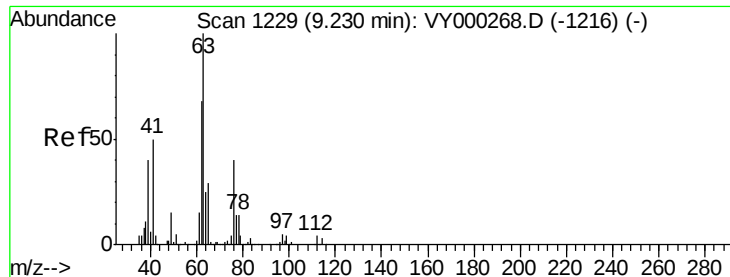
Tgt Ion:130 Resp: 373199

Ion Ratio Lower Upper

130 100

95 91.5 0.0 191.4





#45

1,2-Dichloropropane

Concen: 43.499 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

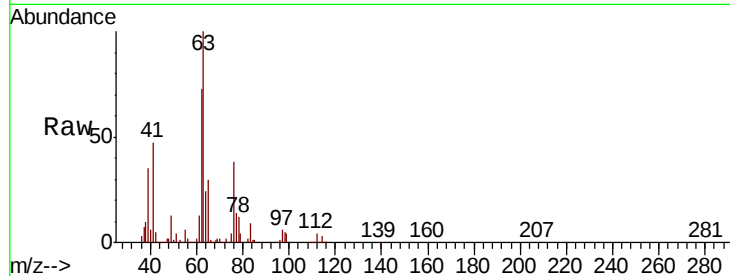
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 304225

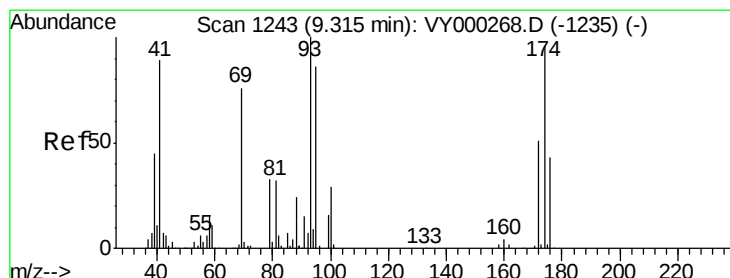
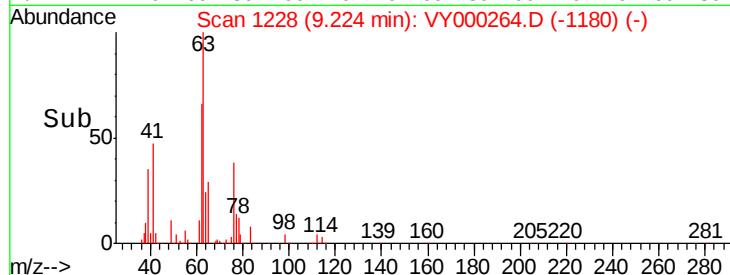
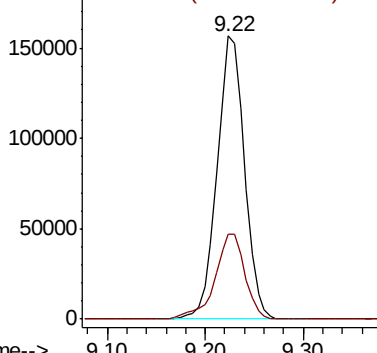
Ion Ratio Lower Upper

63 100

65 29.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 43.763 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

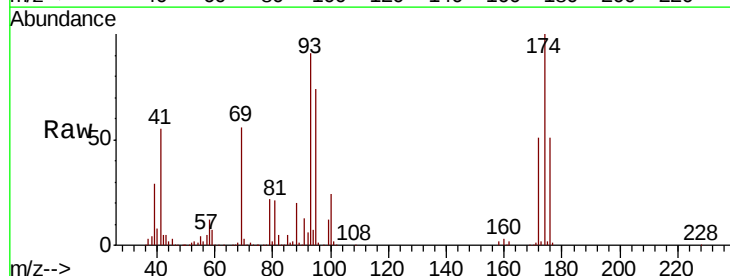
Tgt Ion: 93 Resp: 171100

Ion Ratio Lower Upper

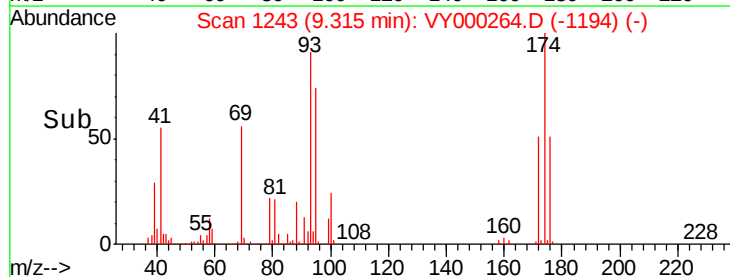
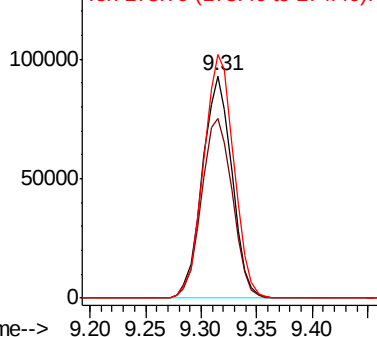
93 100

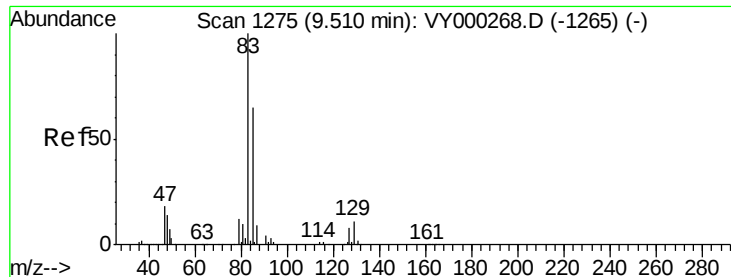
95 84.4 68.2 102.2

174 112.2 79.8 119.6



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 42.485 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampled :

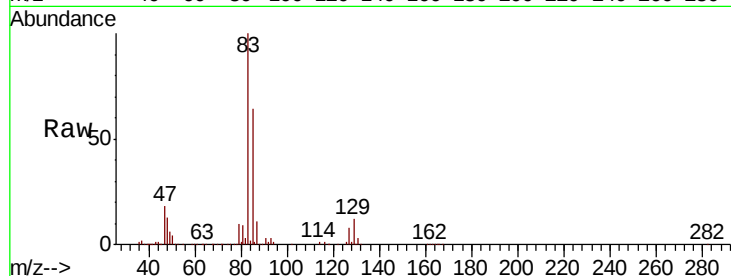
Tot Ion: 83 Resp: 391459

Ion Ratio Lower Upper

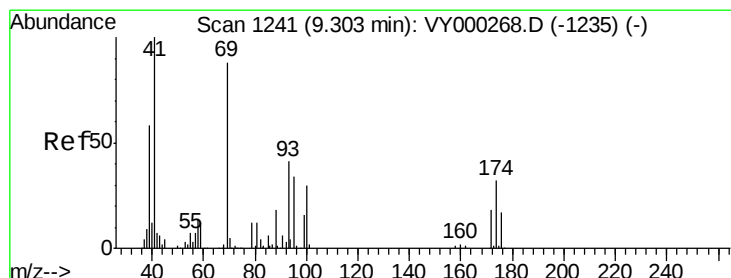
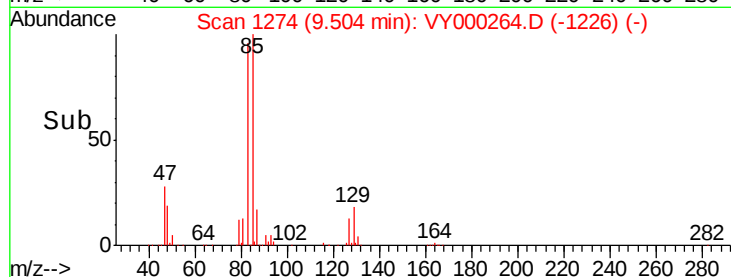
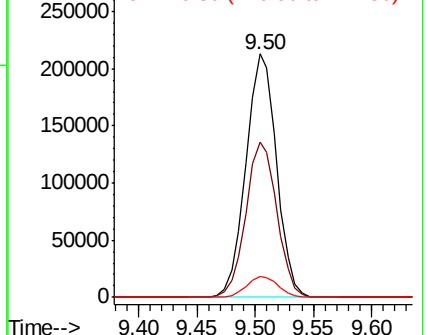
83 100

85 63.6 52.2 78.2

127 8.3 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 40.548 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

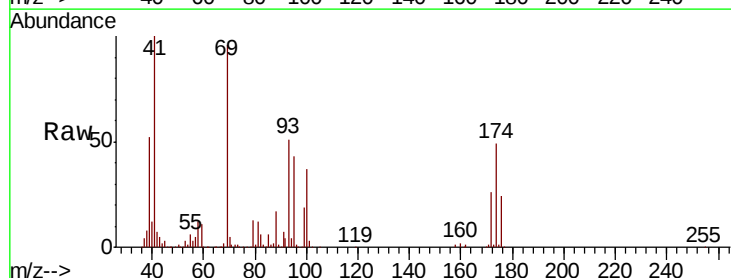
Tgt Ion: 41 Resp: 197304

Ion Ratio Lower Upper

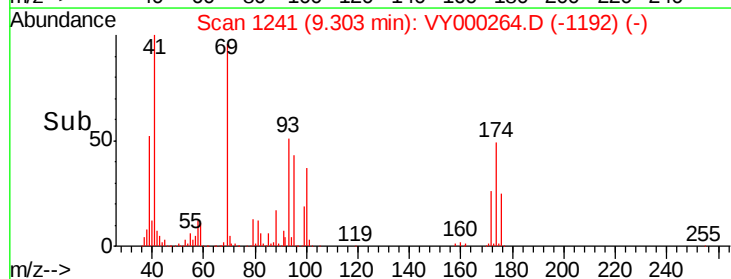
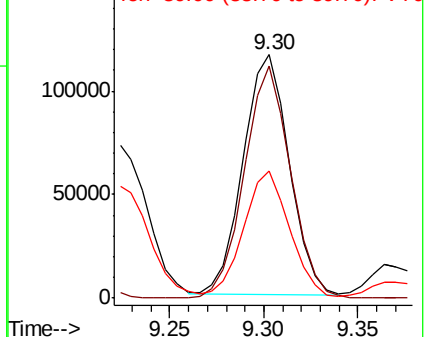
41 100

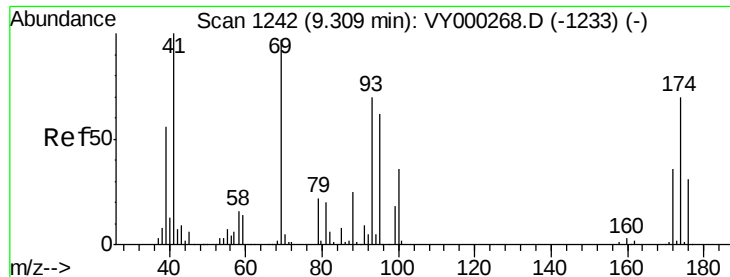
69 96.6 70.0 105.0

39 52.9 47.7 71.5



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

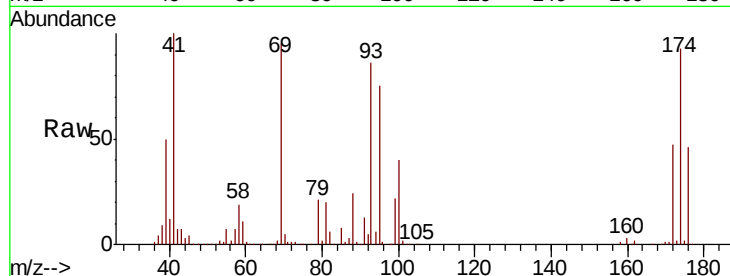




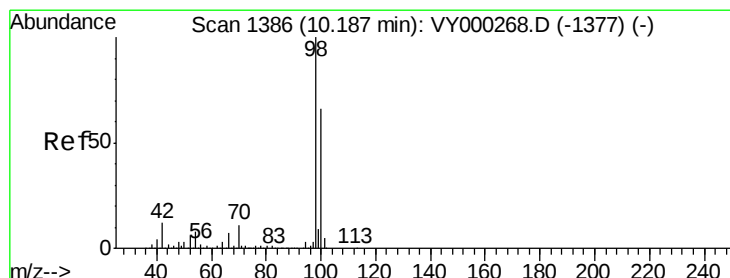
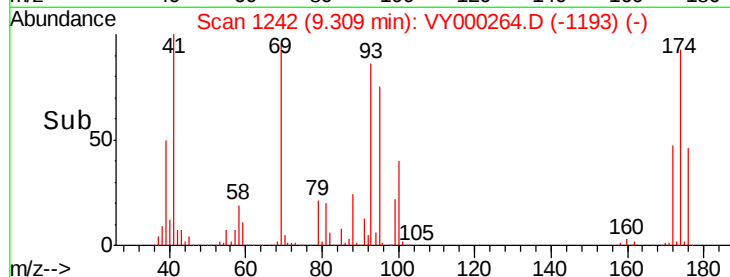
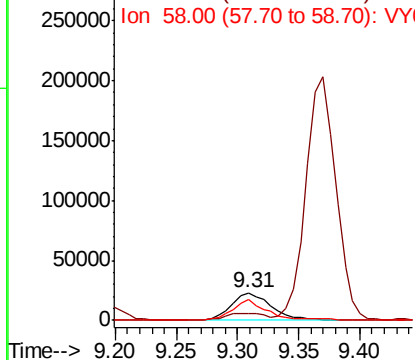
#49
1,4-Dioxane
Concen: 880.640 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 51624
Ion Ratio Lower Upper
88 100
43 24.8 25.6 38.4#
58 69.4 54.6 81.8

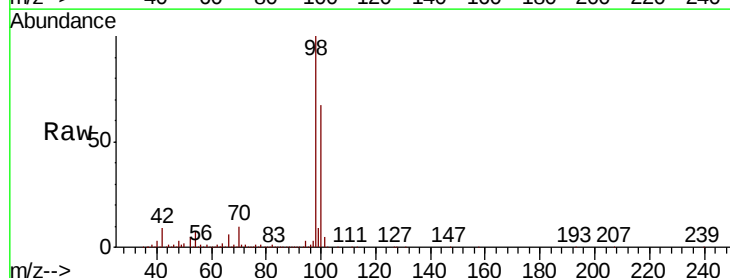


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

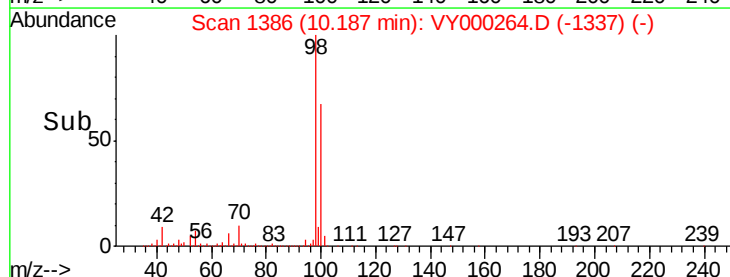
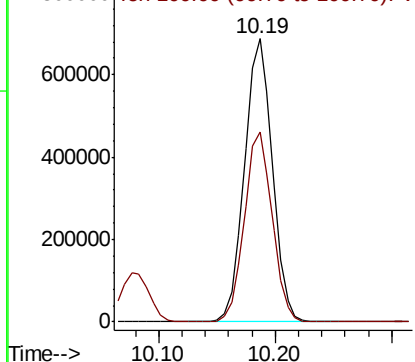


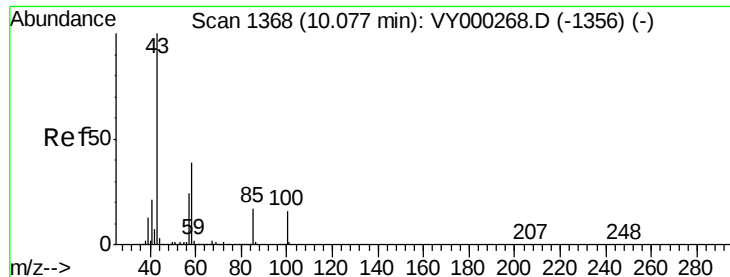
#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion: 98 Resp: 1150113
Ion Ratio Lower Upper
98 100
100 67.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 202.751 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

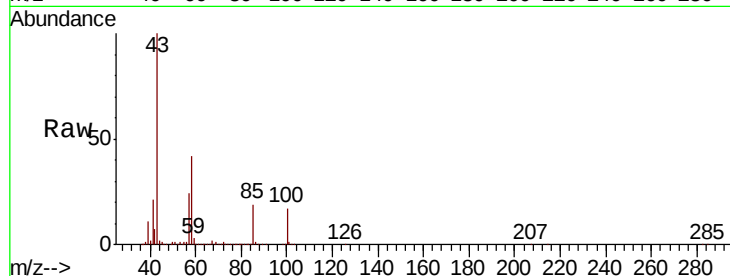
ClientSampleId :

Tot Ion: 43 Resp: 1161088

Ion Ratio Lower Upper

43 100

58 42.0 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-1356) (-)

10.08

800000

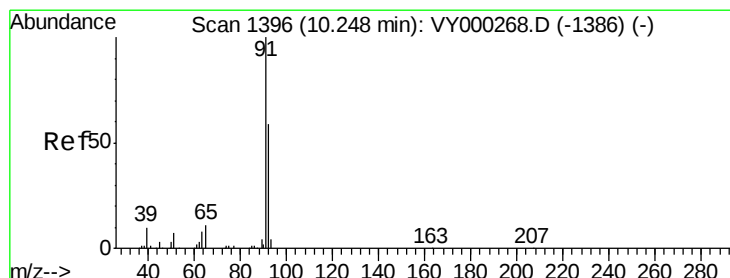
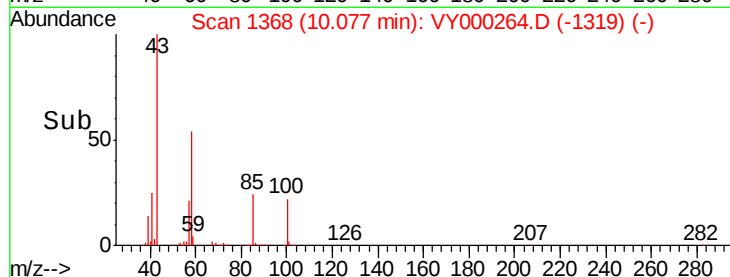
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 46.598 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000264.D

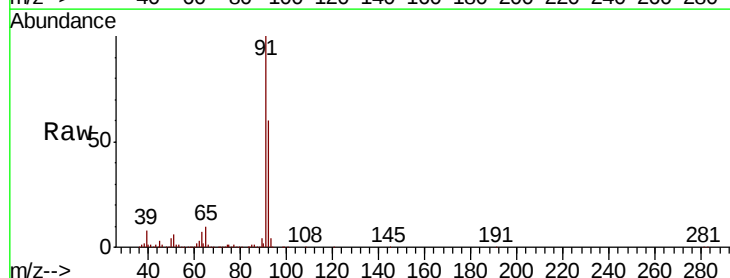
Acq: 11 Oct 2019 11:50

Tgt Ion: 92 Resp: 843144

Ion Ratio Lower Upper

92 100

91 170.6 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY000268.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY000268.D (-1386) (-)

1000000

800000

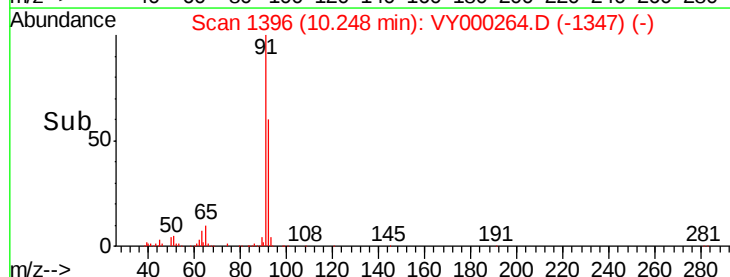
600000

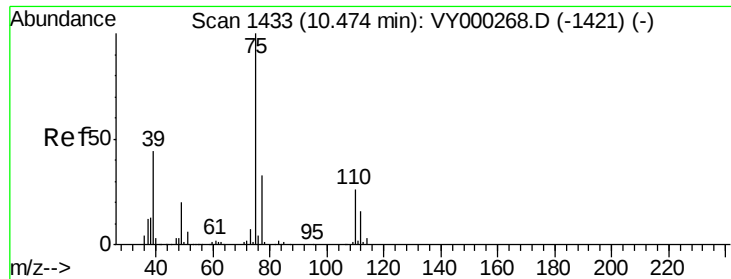
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 43.538 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

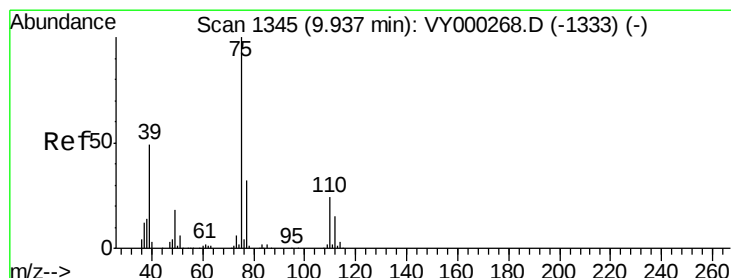
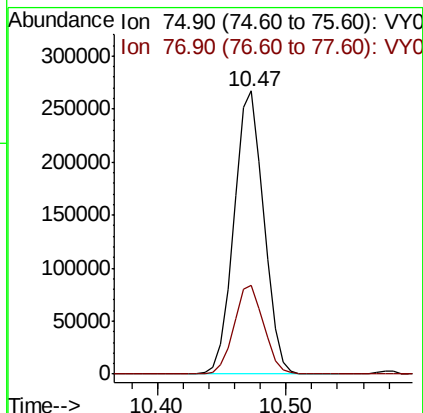
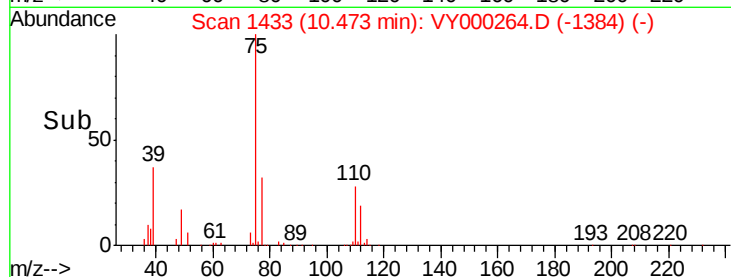
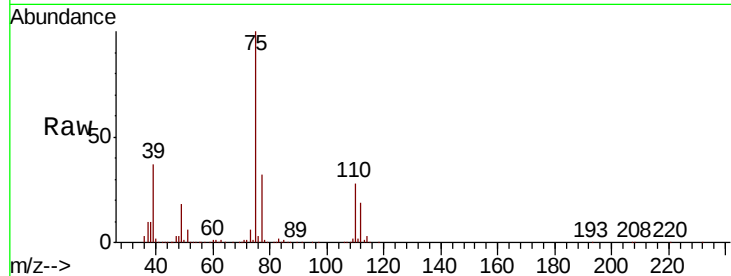
ClientSampled :

Tot Ion: 75 Resp: 429921

Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 44.253 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

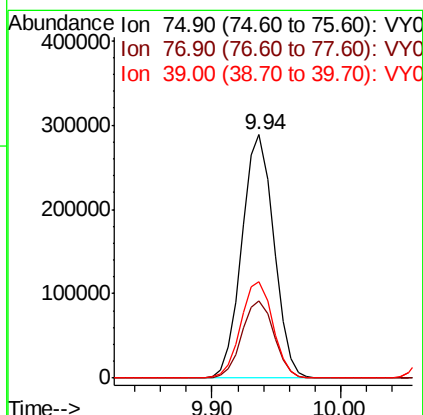
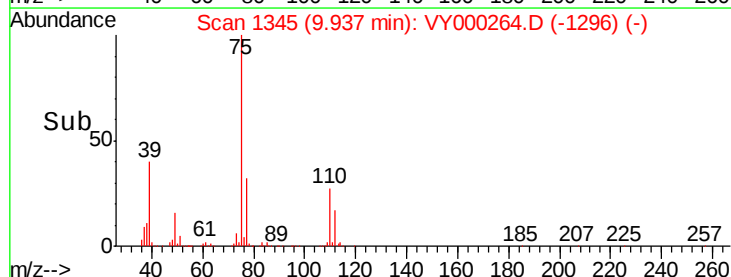
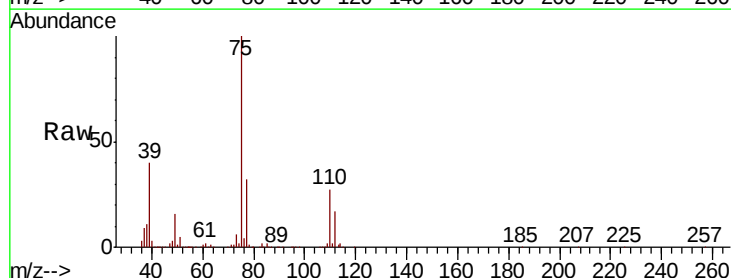
Tgt Ion: 75 Resp: 496259

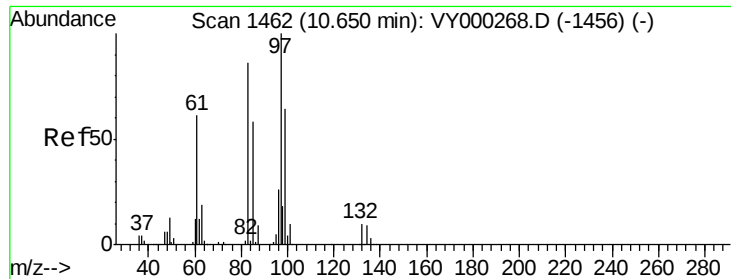
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

39 39.7 38.8 58.2

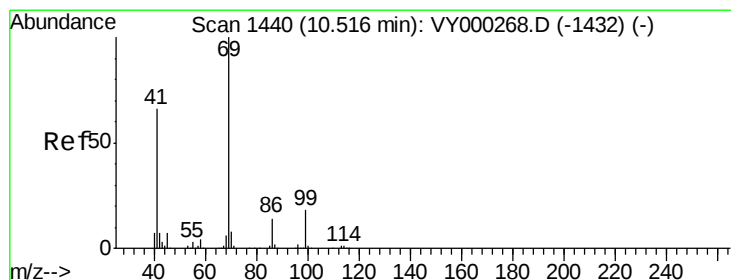
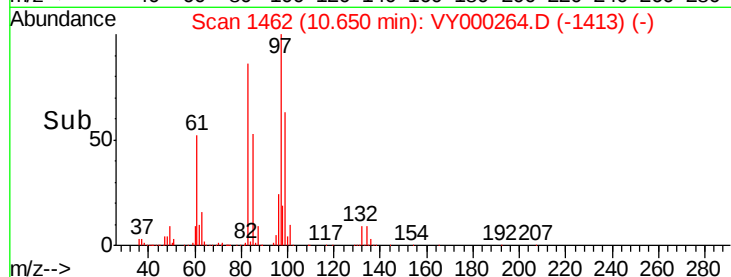
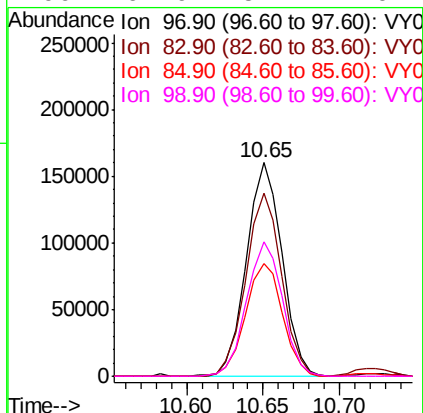
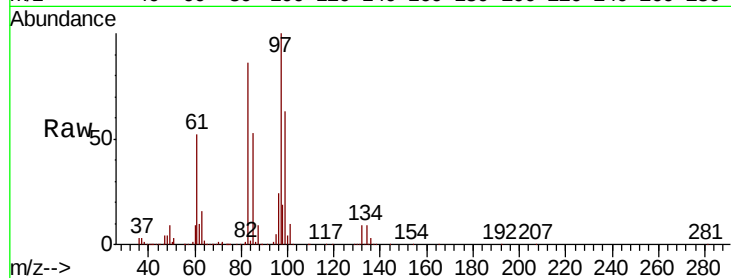




#55
 1,1,2-Trichloroethane
 Concen: 45.678 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

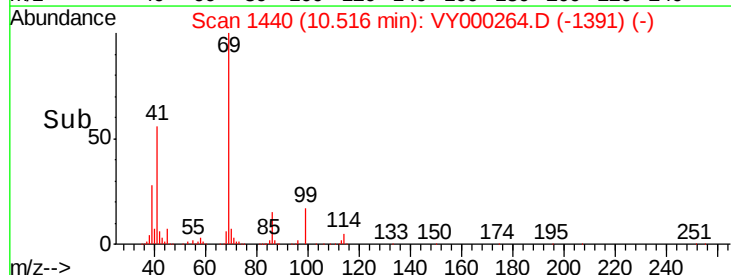
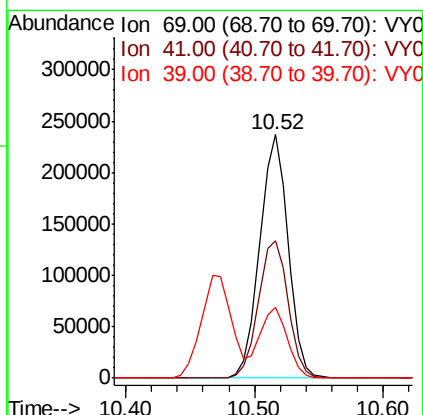
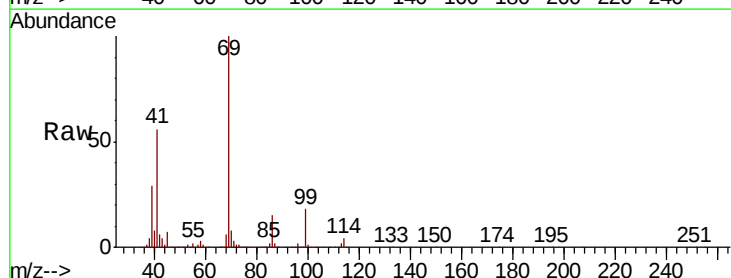
Instrument :
 MSVOA_Y
 ClientSampled :

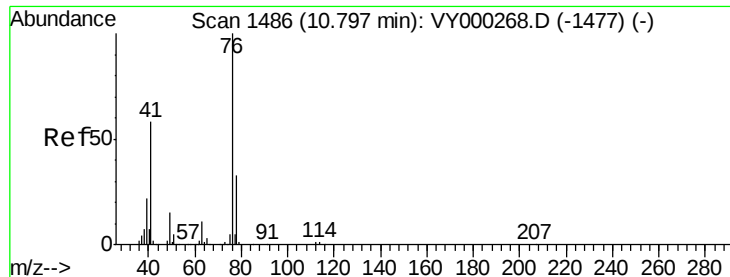
Tot Ion:	97	Resp:	259661
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.0	103.6
85	52.8	46.2	69.4
99	62.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 44.299 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion:	69	Resp:	358936
Ion	Ratio	Lower	Upper
69	100		
41	58.8	52.5	78.7
39	28.8	26.7	40.1





#57

1,3-Dichloropropane

Concen: 44.687 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

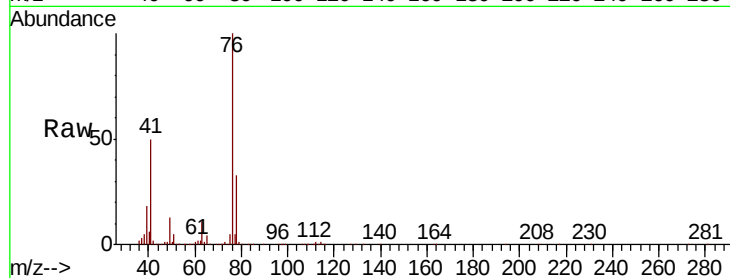
ClientSampleId :

Tot Ion: 76 Resp: 436256

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

250000

200000

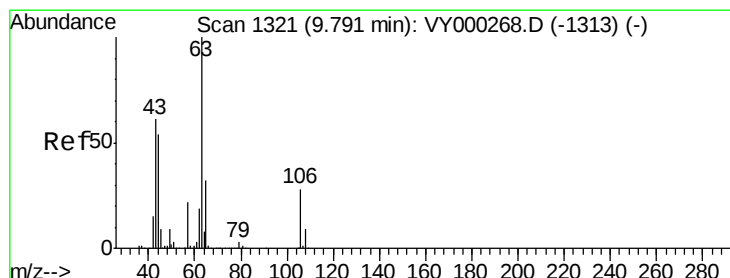
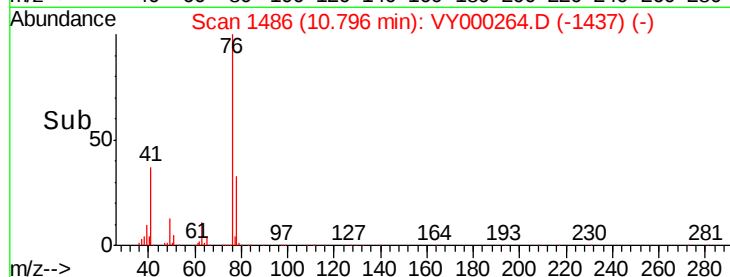
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.469 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000264.D

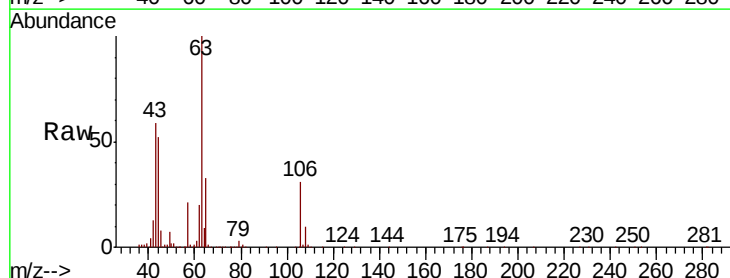
Acq: 11 Oct 2019 11:50

Tgt Ion: 63 Resp: 809477

Ion Ratio Lower Upper

63 100

106 30.6 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

500000

400000

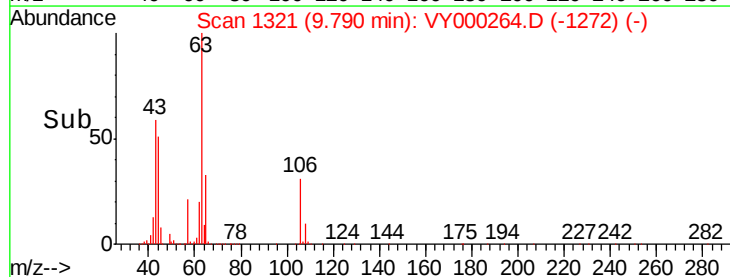
300000

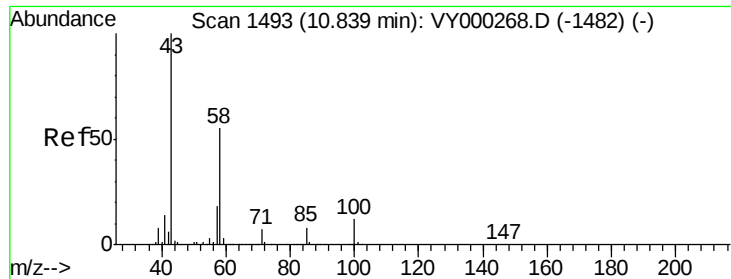
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 213.772 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

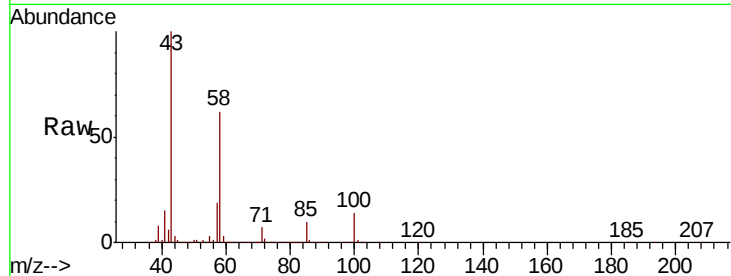
ClientSampleId :

Tot Ion: 43 Resp: 859281

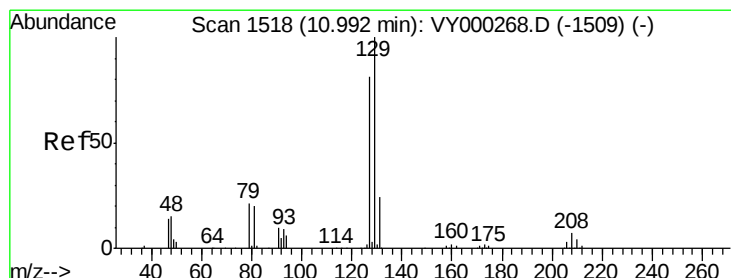
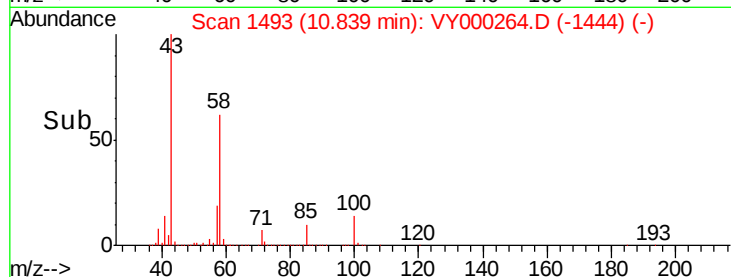
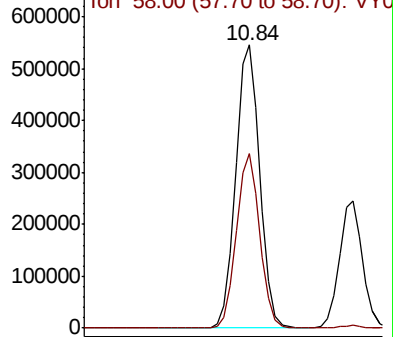
Ion Ratio Lower Upper

43 100

58 60.1 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1482) (-)



#60

Dibromochloromethane

Concen: 47.750 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY000264.D

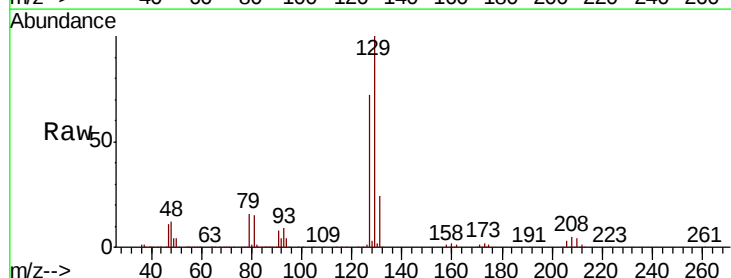
Acq: 11 Oct 2019 11:50

Tgt Ion: 129 Resp: 300859

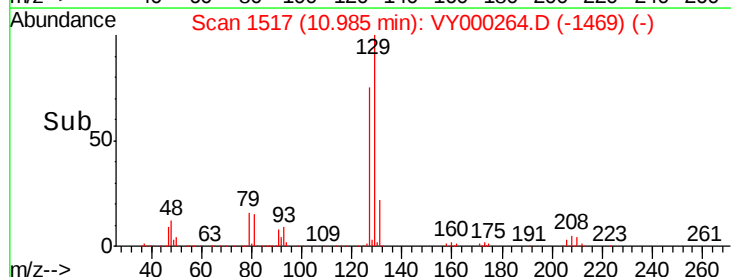
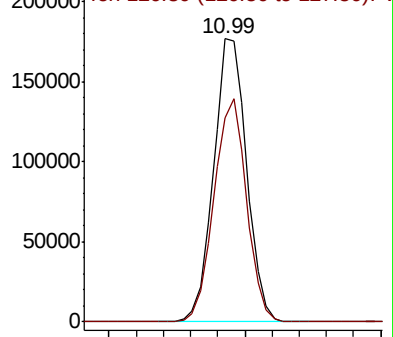
Ion Ratio Lower Upper

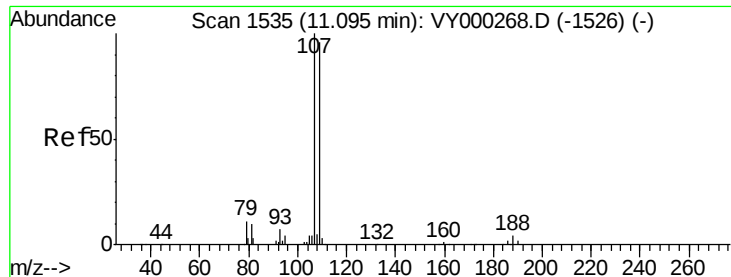
129 100

127 77.8 39.9 119.7



Abundance Ion 128.80 (128.50 to 129.50): VY000268.D (-1509) (-)

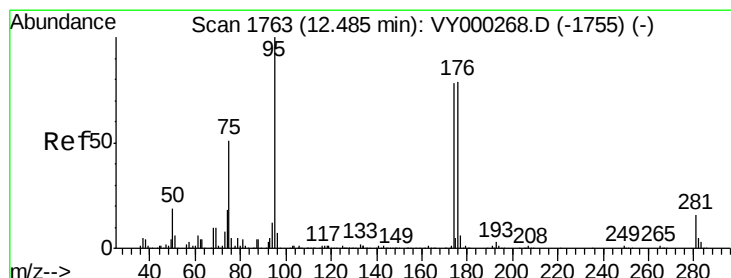
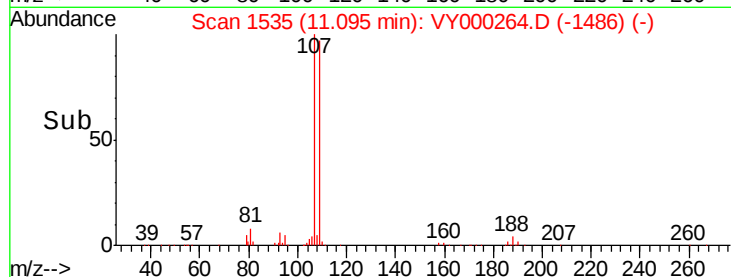
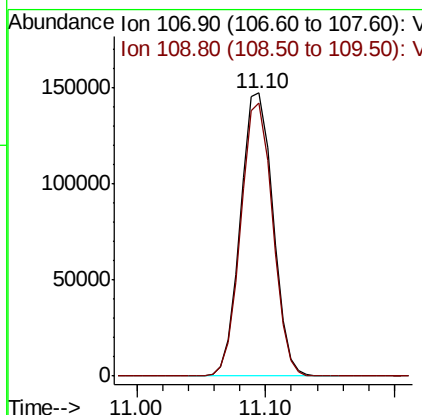
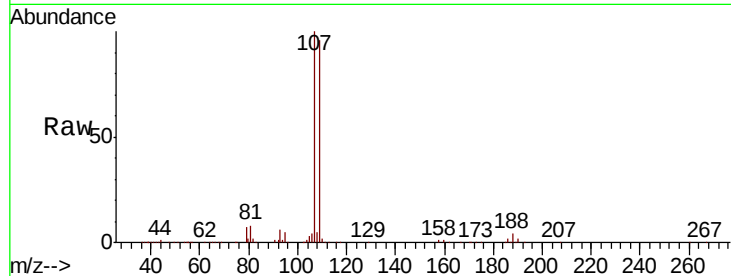




#61
 1,2-Dibromoethane
 Concen: 47.067 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

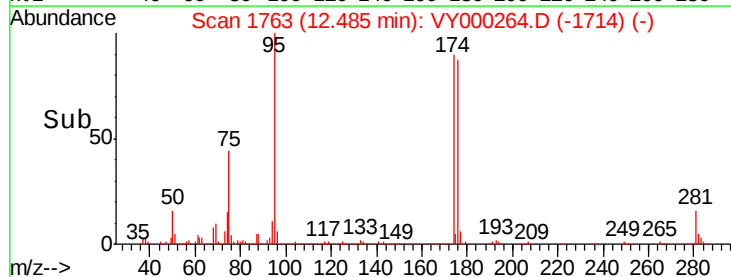
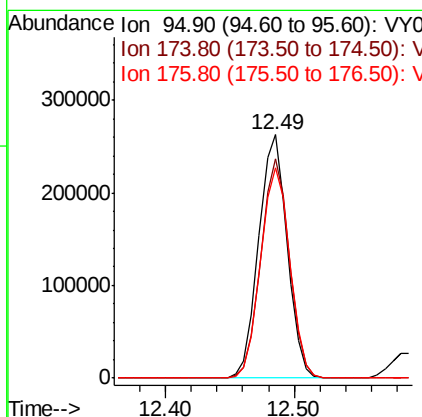
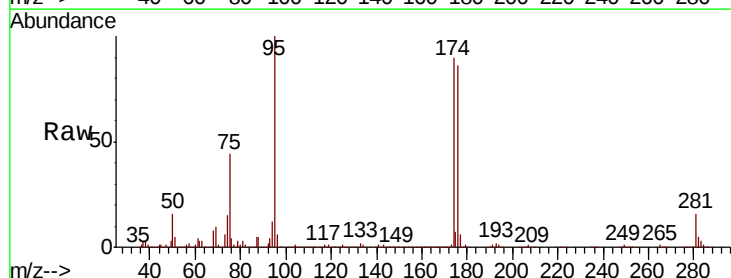
Instrument :
 MSVOA_Y
 ClientSampleId :

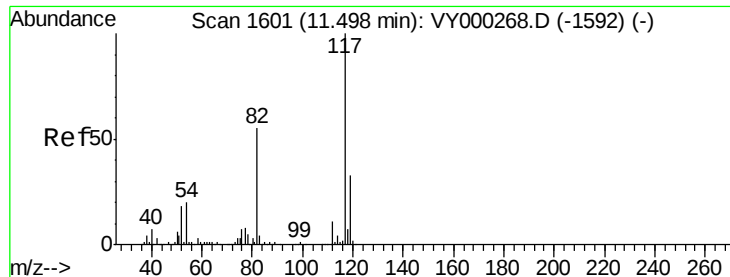
Tot Ion:107 Resp: 256898
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 45.165 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion: 95 Resp: 401040
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 159.6
 176 89.0 0.0 153.8

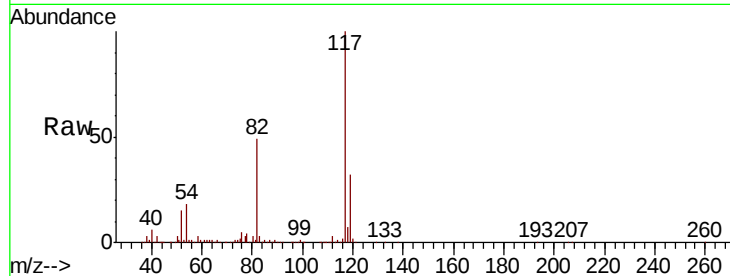




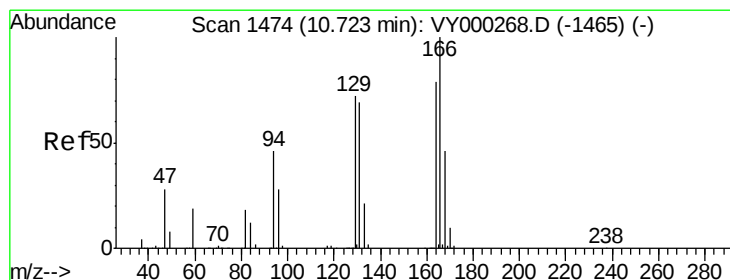
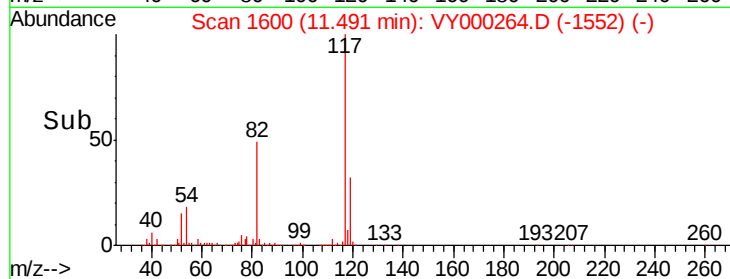
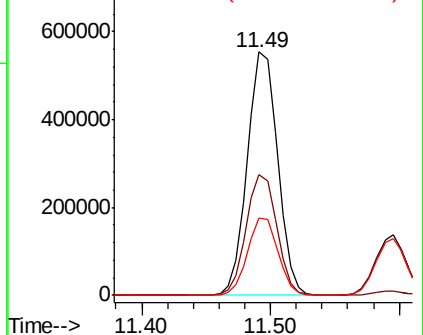
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 901729
Ion Ratio Lower Upper
117 100
82 49.4 43.7 65.5
119 31.9 26.6 39.8

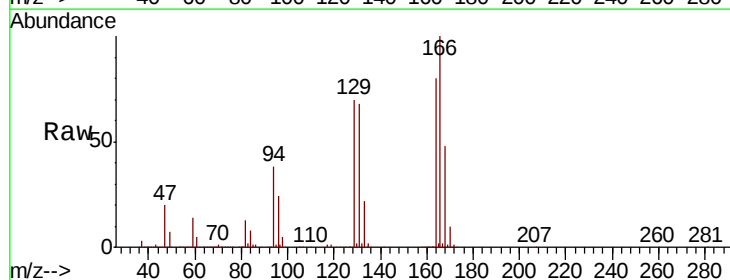


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

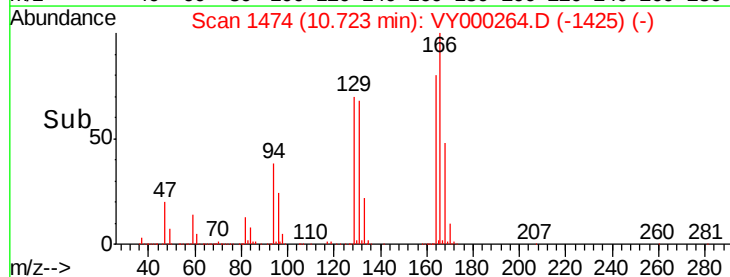
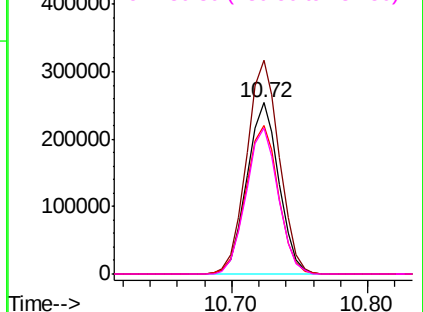


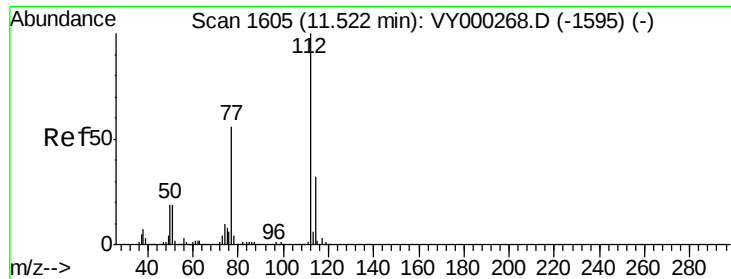
#64
Tetrachloroethene
Concen: 48.865 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion:164 Resp: 419488
Ion Ratio Lower Upper
164 100
166 124.7 100.6 151.0
129 87.0 72.8 109.2
131 85.3 69.4 104.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

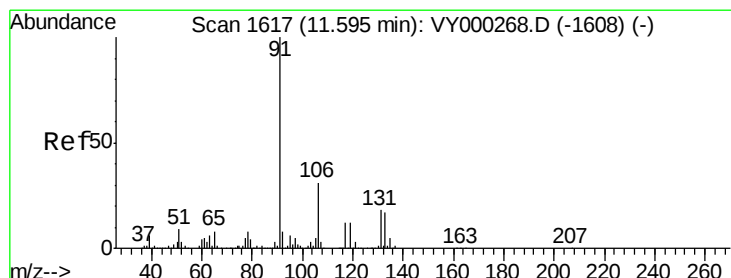
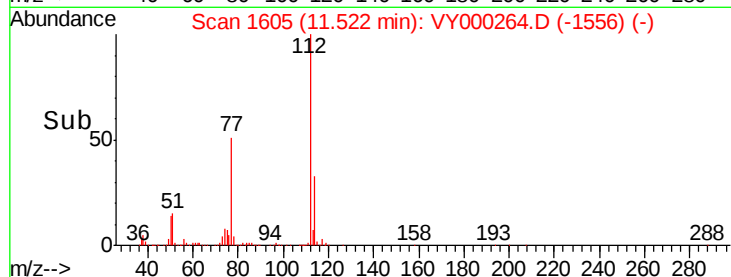
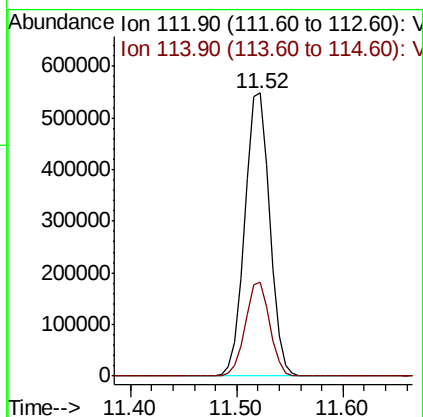
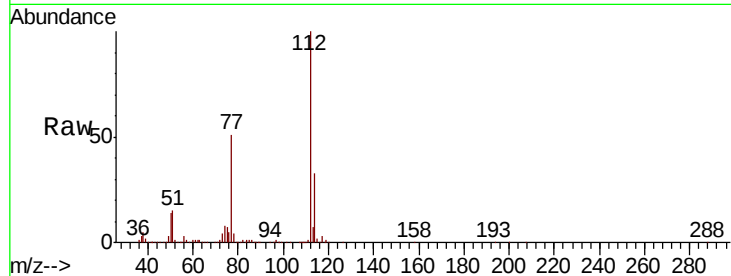




#65
Chlorobenzene
Concen: 47.590 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

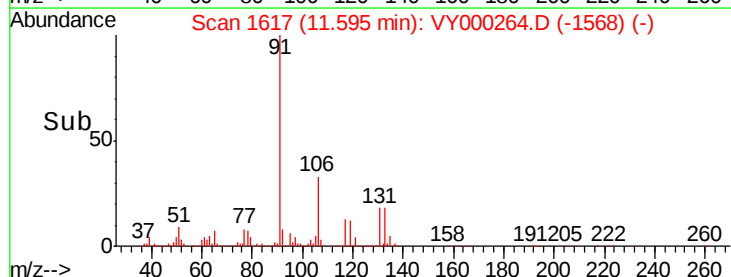
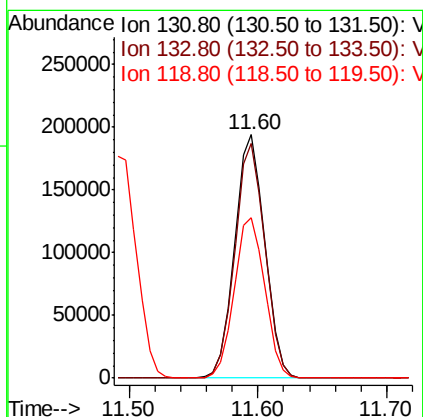
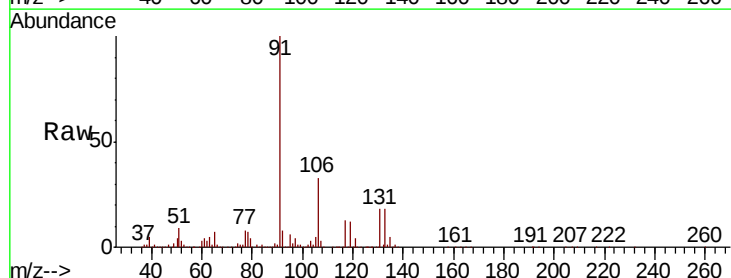
Instrument :
MSVOA_Y
ClientSampleId :

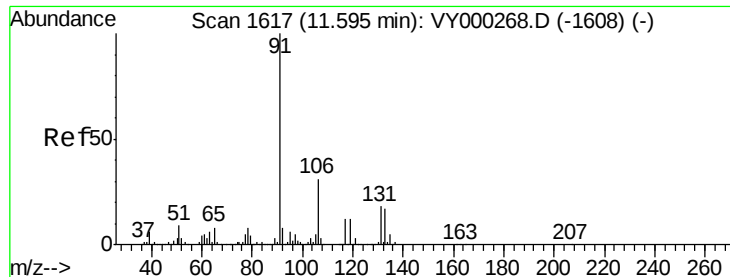
Tot Ion:112 Resp: 905661
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.903 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion:131 Resp: 313547
Ion Ratio Lower Upper
131 100
133 96.4 47.2 141.6
119 67.2 32.6 98.0





#67

Ethyl Benzene

Concen: 45.468 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

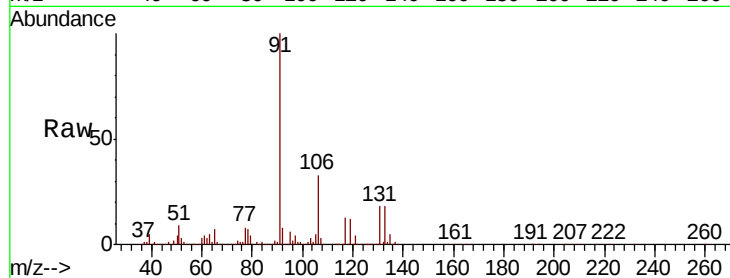
ClientSampleId :

Tot Ion: 91 Resp: 1604014

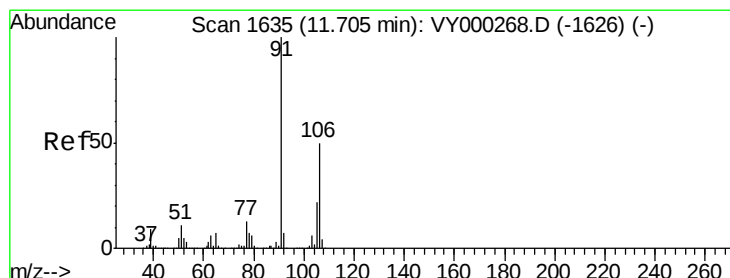
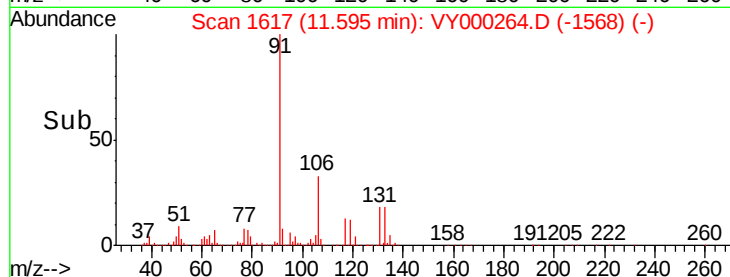
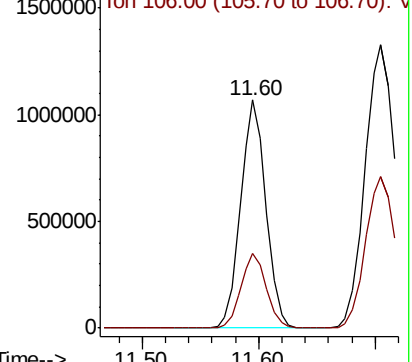
Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY000264.D (-1608) (-)



#68

m/p-Xylenes

Concen: 94.272 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000264.D

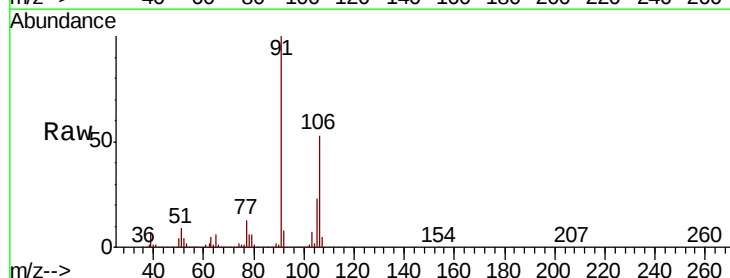
Acq: 11 Oct 2019 11:50

Tgt Ion: 106 Resp: 1271383

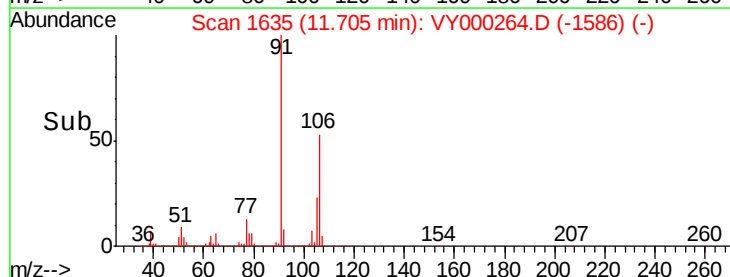
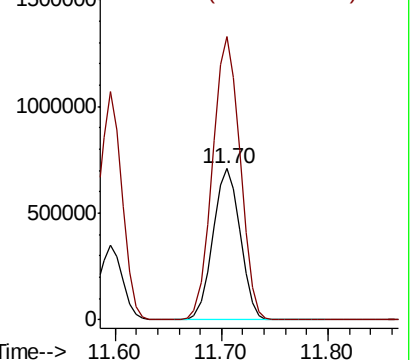
Ion Ratio Lower Upper

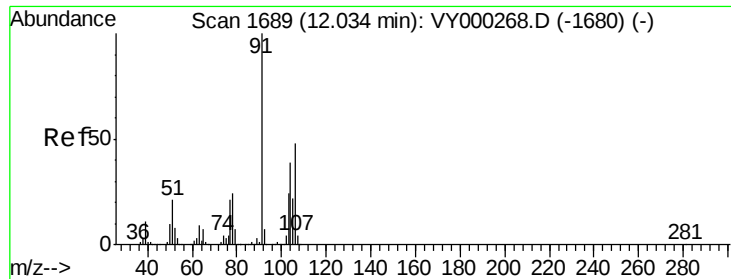
106 100

91 189.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VY000264.D (-1626) (-)

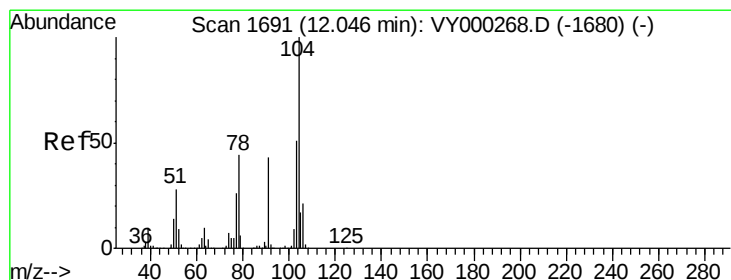
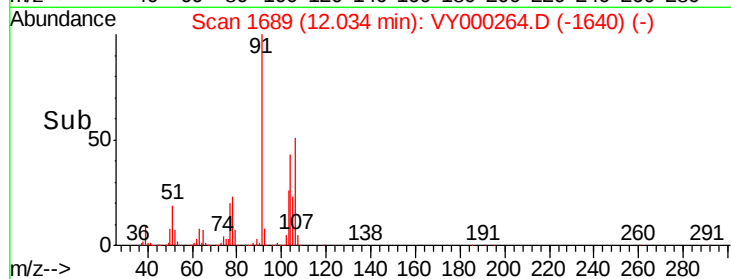
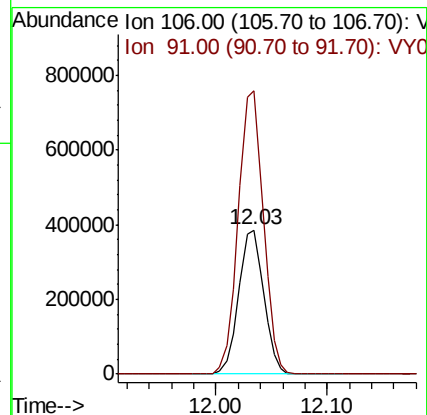
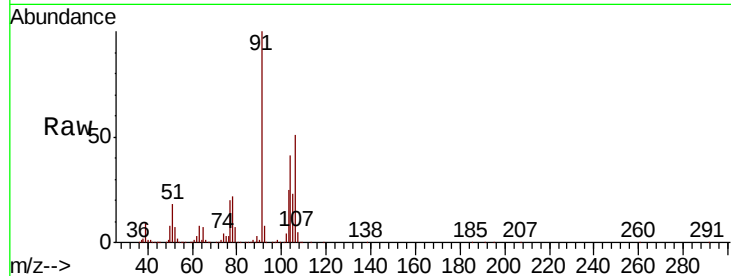




#69
o-Xylene
Concen: 46.733 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

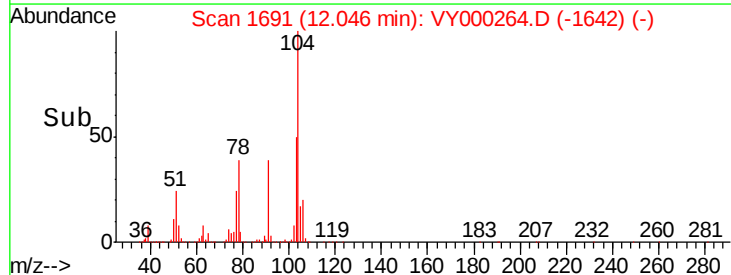
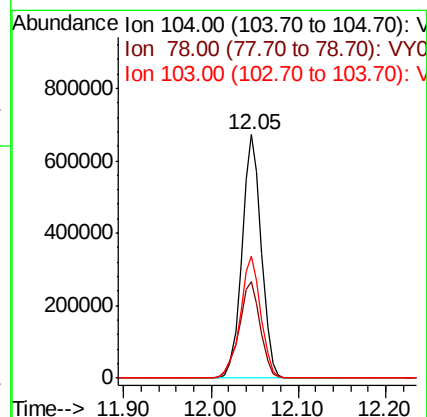
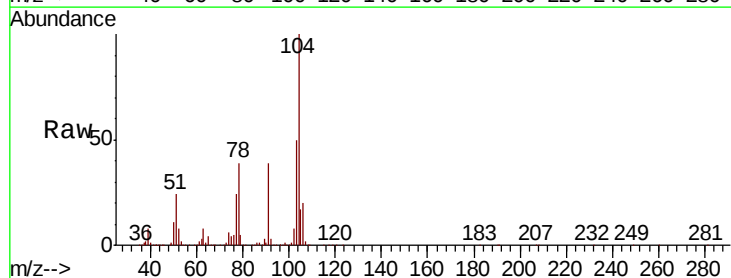
Instrument :
MSVOA_Y
ClientSampleId :

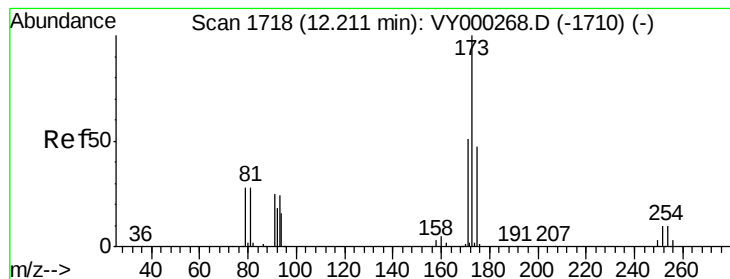
Tot Ion:106 Resp: 601243
Ion Ratio Lower Upper
106 100
91 198.1 104.7 313.9



#70
Styrene
Concen: 47.574 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion:104 Resp: 1032239
Ion Ratio Lower Upper
104 100
78 43.6 39.0 58.6
103 53.4 43.1 64.7





#71

Bromoform

Concen: 52.310 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

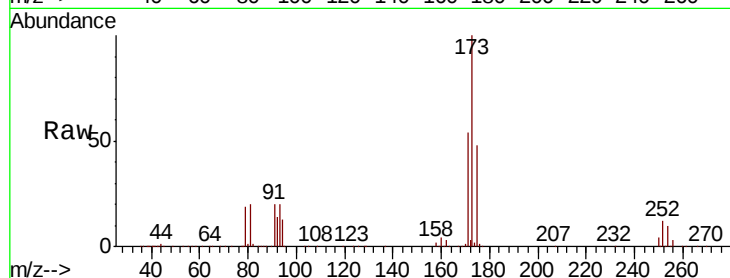
Tot Ion:173 Resp: 201027

Ion Ratio Lower Upper

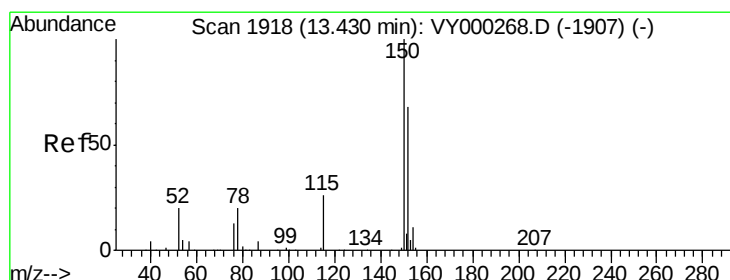
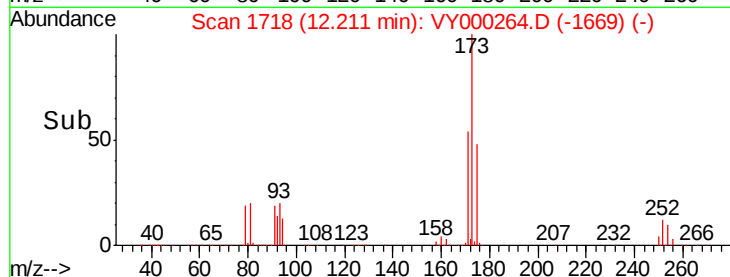
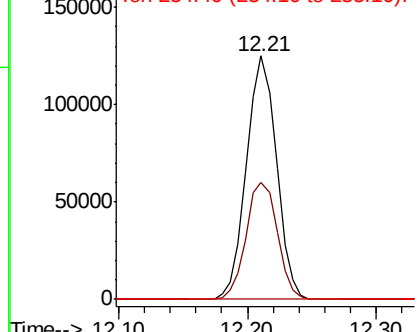
173 100

175 50.0 24.6 73.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

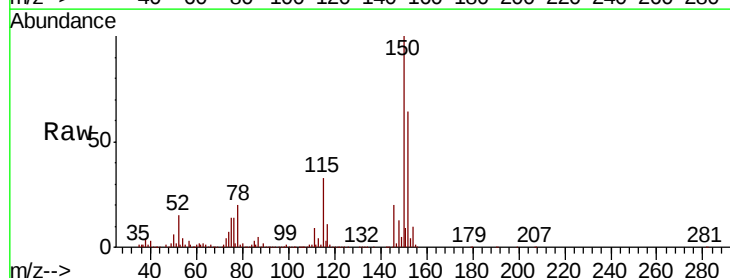
Tgt Ion:152 Resp: 467230

Ion Ratio Lower Upper

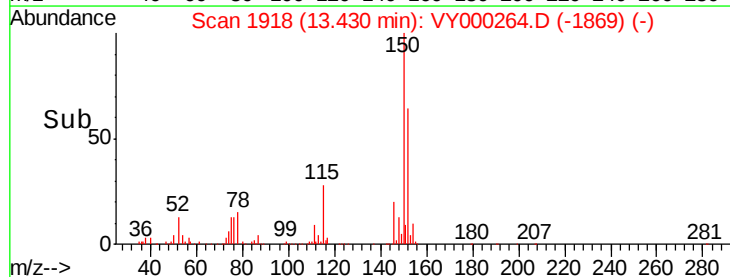
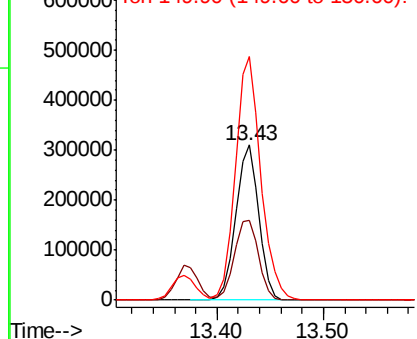
152 100

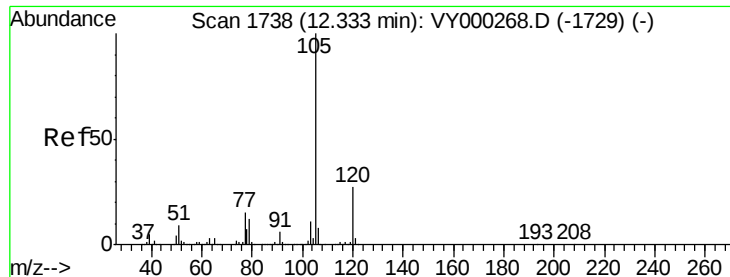
115 54.1 29.3 88.0

150 173.2 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.535 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

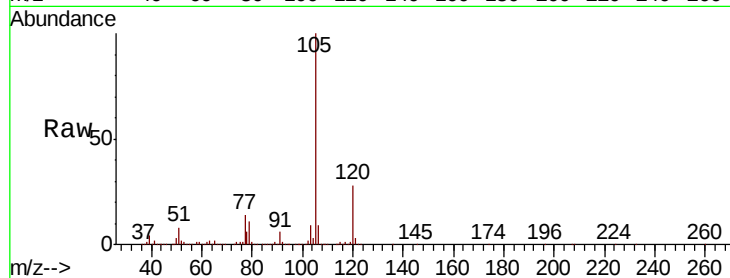
ClientSampleId :

Tot Ion:105 Resp: 1622484

Ion Ratio Lower Upper

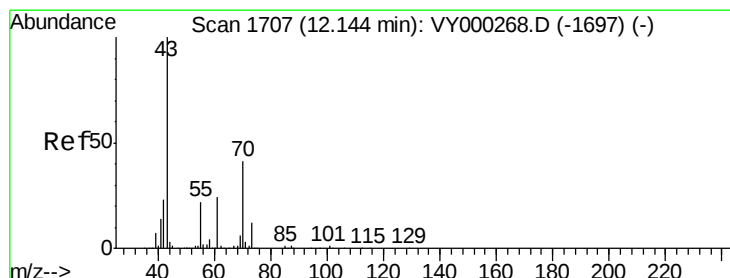
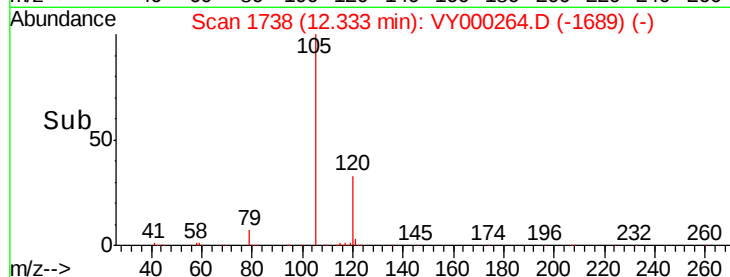
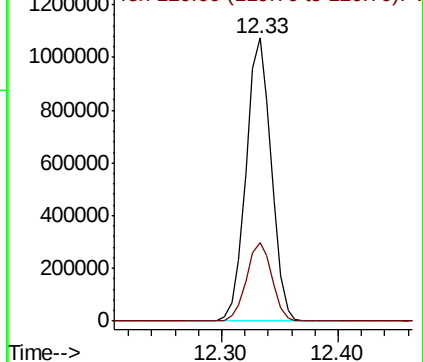
105 100

120 28.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 36.136 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Tgt Ion: 43 Resp: 323195

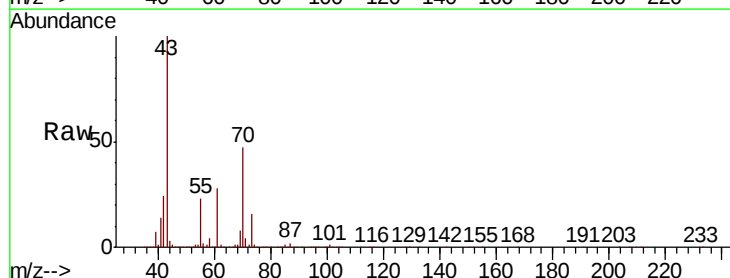
Ion Ratio Lower Upper

43 100

70 48.7 32.9 49.3

55 24.4 17.8 26.6

61 27.8 19.5 29.3

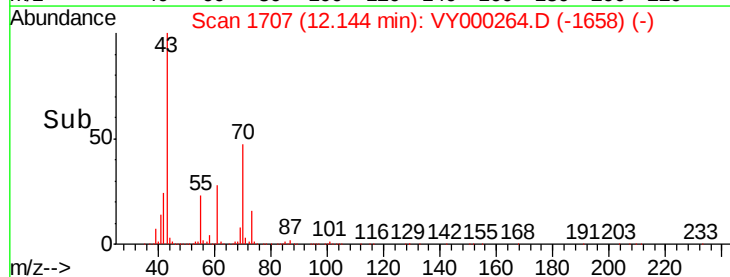
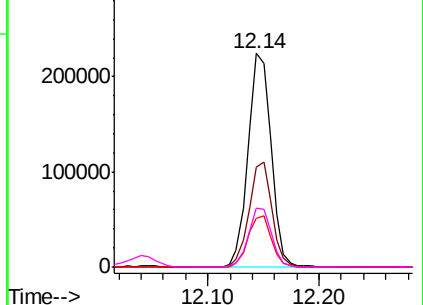


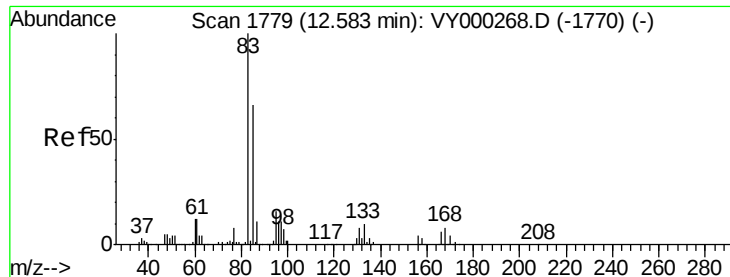
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.192 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

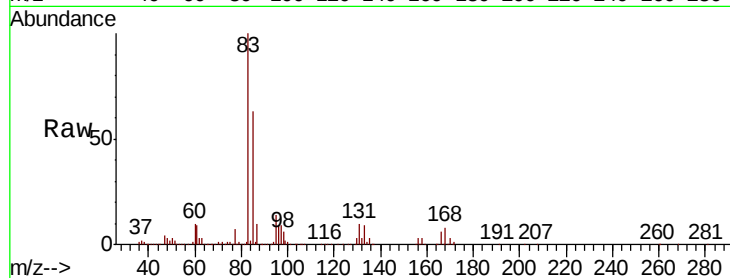
Tot Ion: 83 Resp: 302287

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

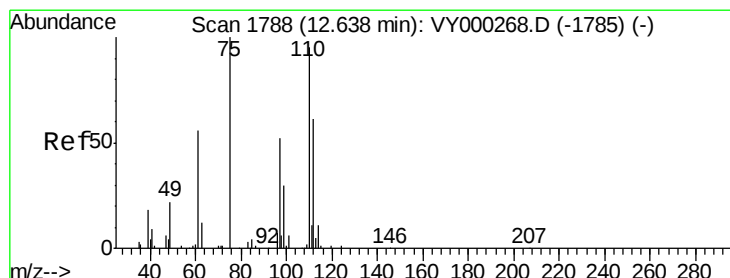
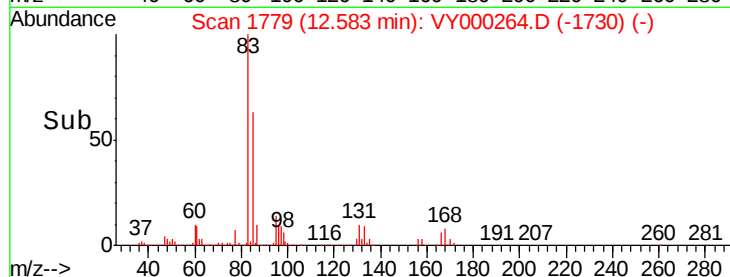
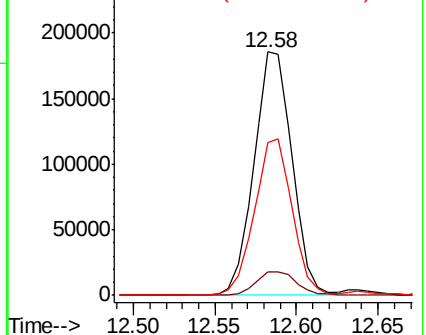
85 63.4 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000268.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY000268.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY000268.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 72.920 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000264.D

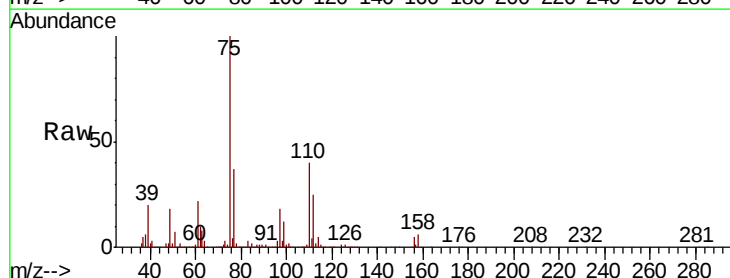
Acq: 11 Oct 2019 11:50

Tgt Ion: 75 Resp: 418947

Ion Ratio Lower Upper

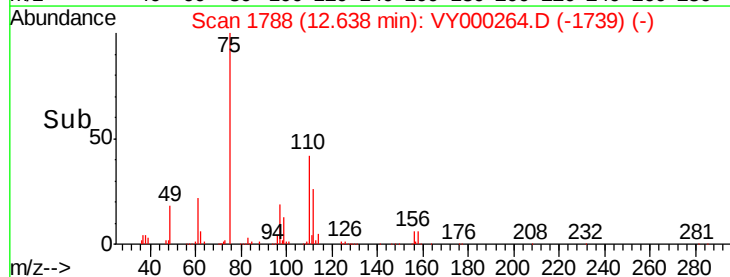
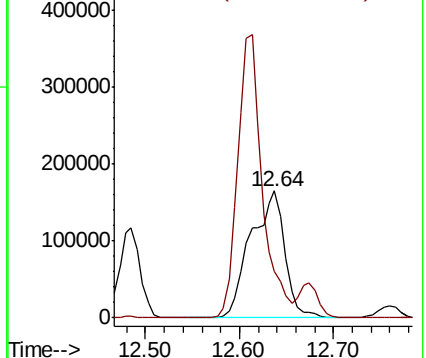
75 100

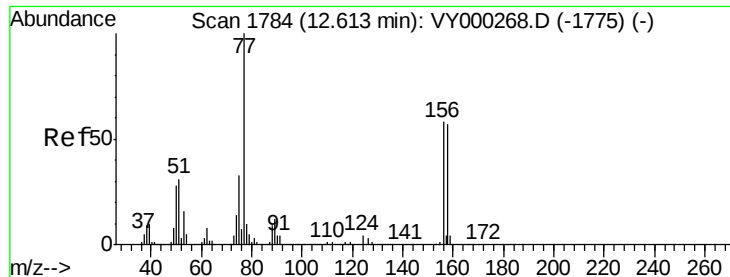
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000268.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000268.D (-1785) (-)





#77

Bromobenzene

Concen: 47.679 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

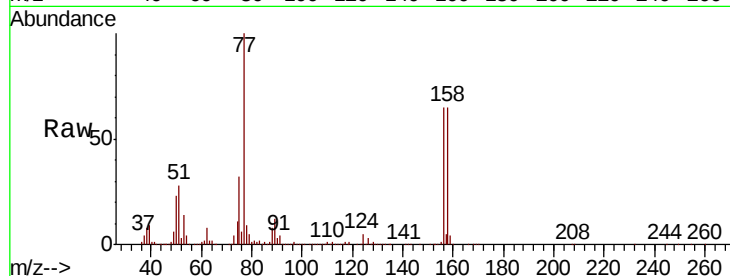
Tot Ion:156 Resp: 386529

Ion Ratio Lower Upper

156 100

77 173.8 101.0 302.9

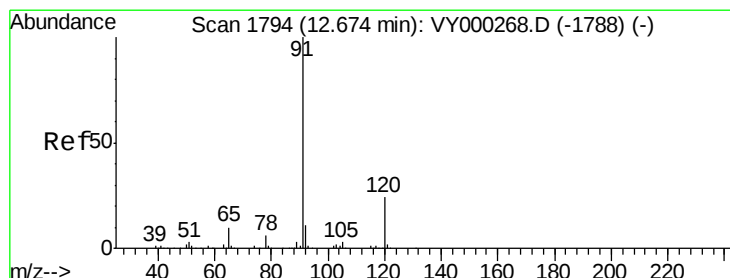
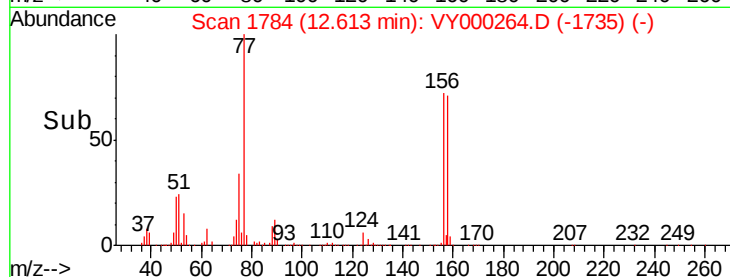
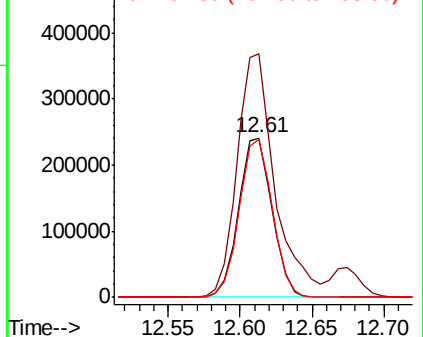
158 98.5 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.587 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000264.D

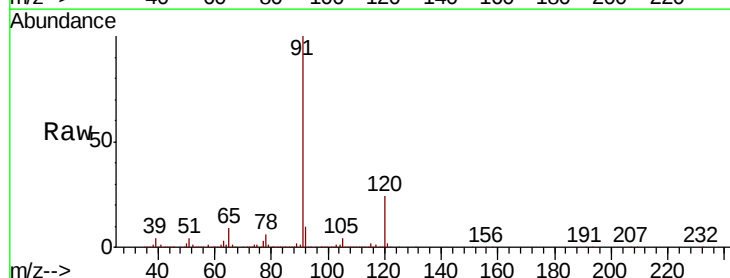
Acq: 11 Oct 2019 11:50

Tgt Ion: 91 Resp: 1906564

Ion Ratio Lower Upper

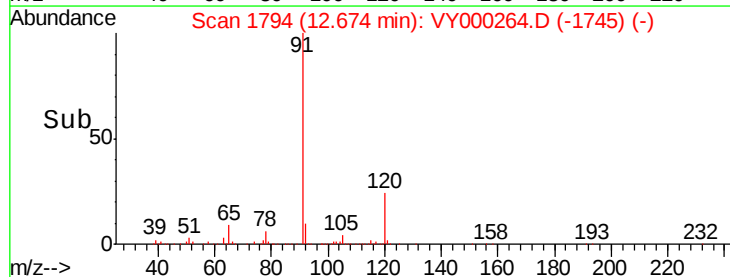
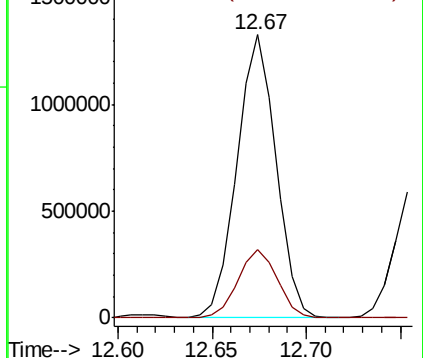
91 100

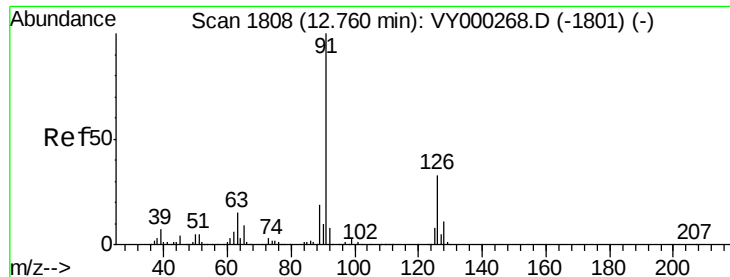
120 24.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.371 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

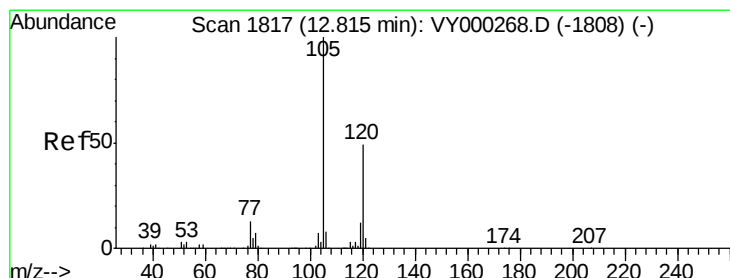
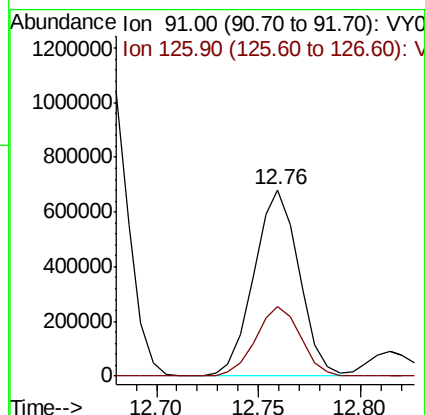
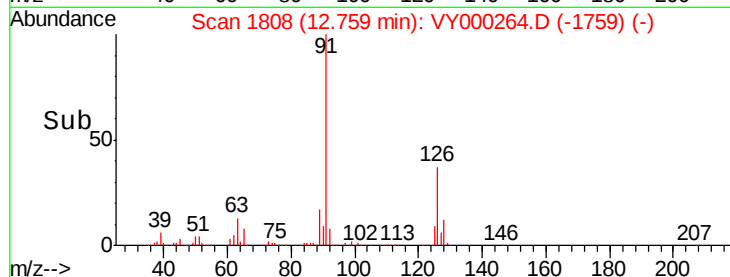
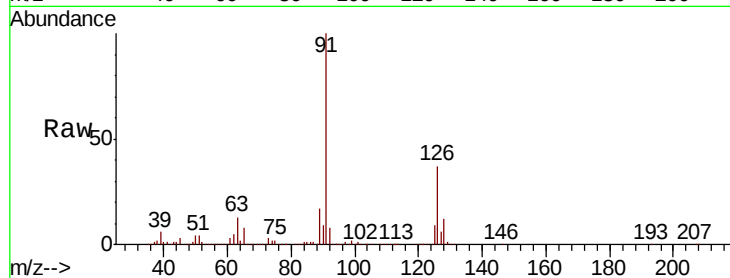
ClientSampled :

Tot Ion: 91 Resp: 1047713

Ion Ratio Lower Upper

91 100

126 37.2 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 43.548 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000264.D

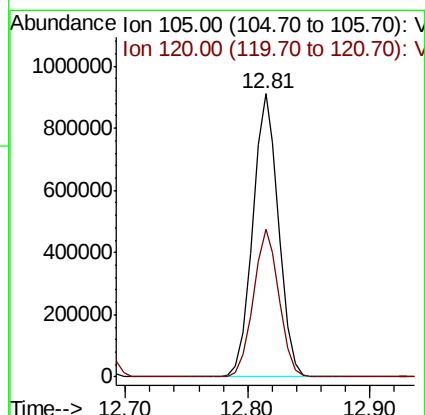
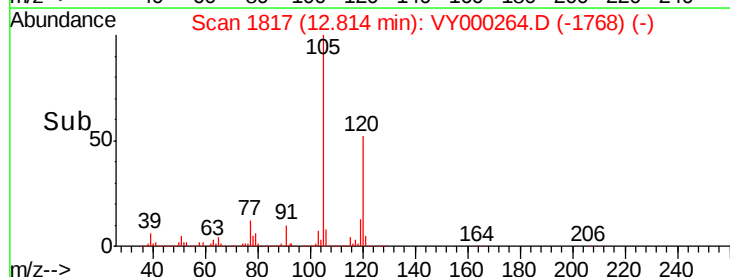
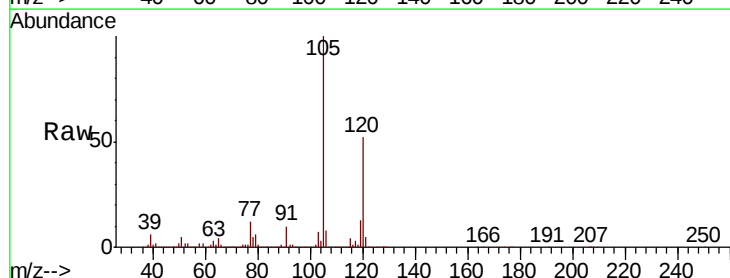
Acq: 11 Oct 2019 11:50

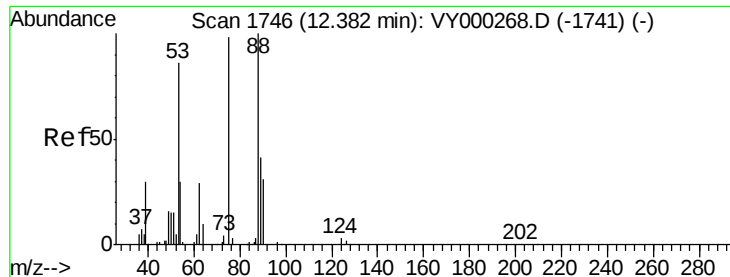
Tgt Ion: 105 Resp: 1330337

Ion Ratio Lower Upper

105 100

120 52.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.543 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

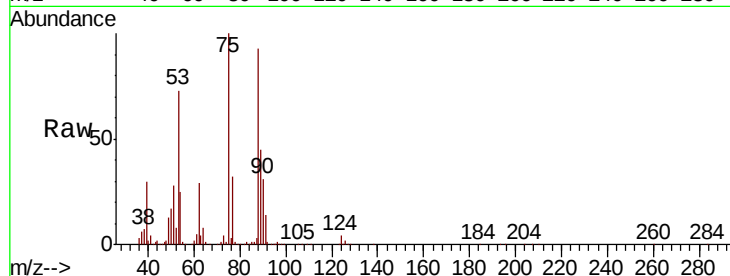
Tot Ion: 75 Resp: 119591

Ion Ratio Lower Upper

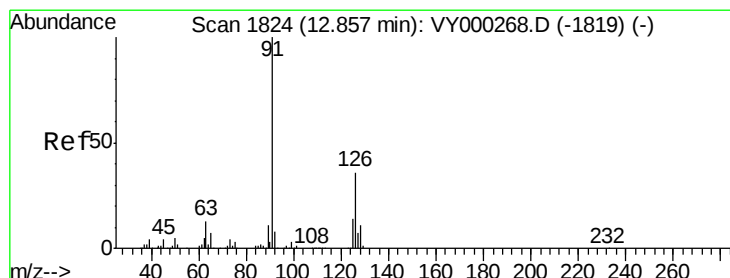
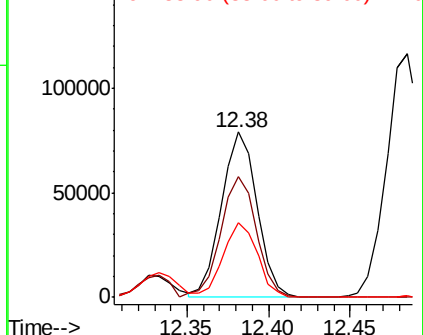
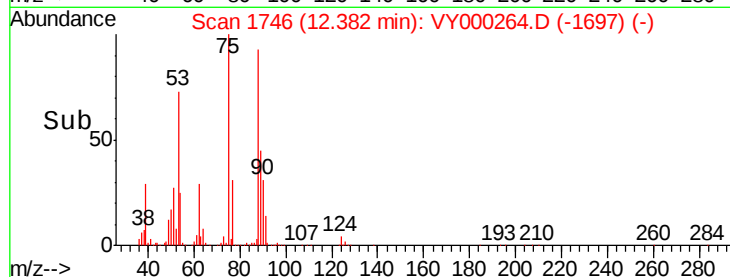
75 100

53 74.3 71.3 106.9

89 43.2 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 43.467 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000264.D

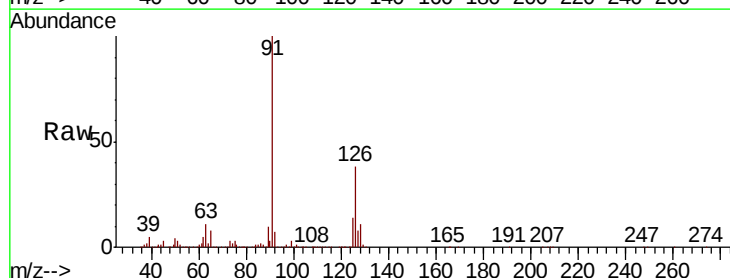
Acq: 11 Oct 2019 11:50

Tgt Ion: 91 Resp: 1109927

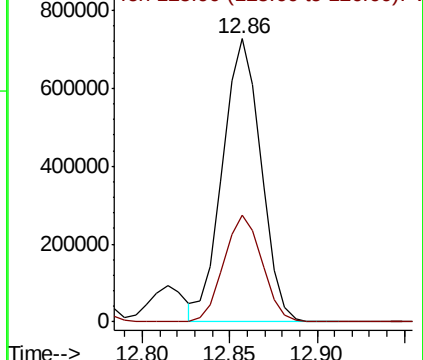
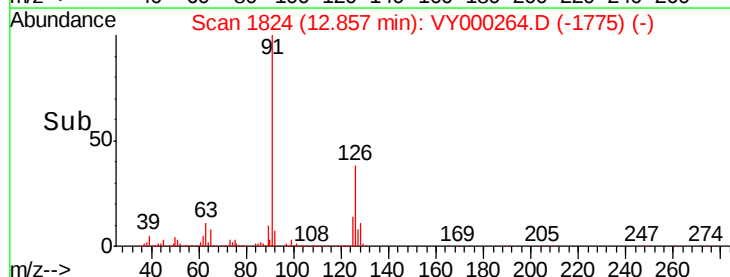
Ion Ratio Lower Upper

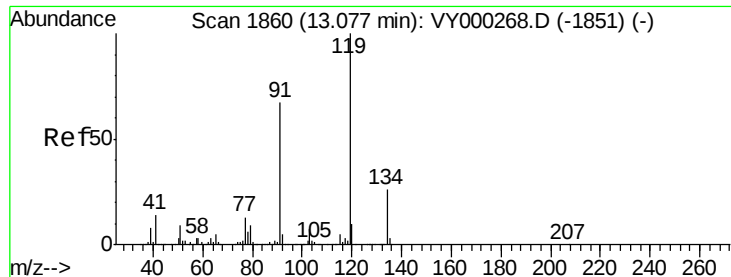
91 100

126 37.4 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

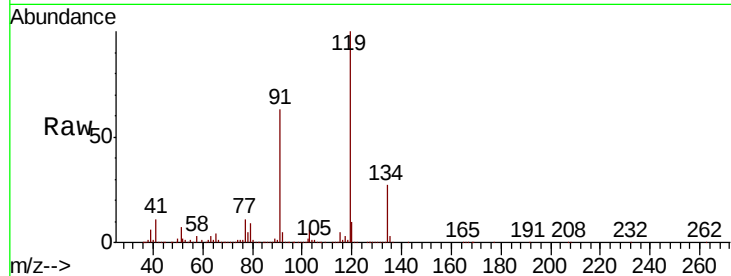




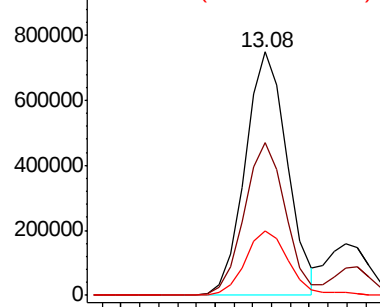
#83
tert-Butylbenzene
Concen: 44.607 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampled :

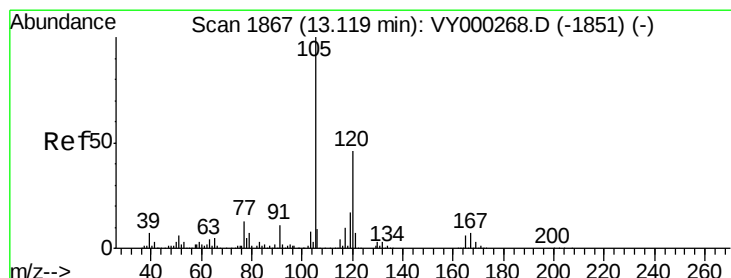
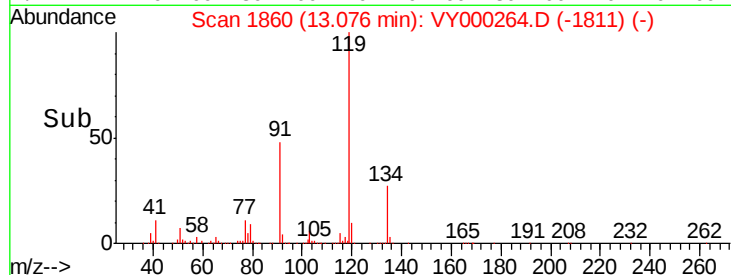
Tot Ion:119 Resp: 1153969
Ion Ratio Lower Upper
119 100
91 62.5 32.9 98.7
134 27.8 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

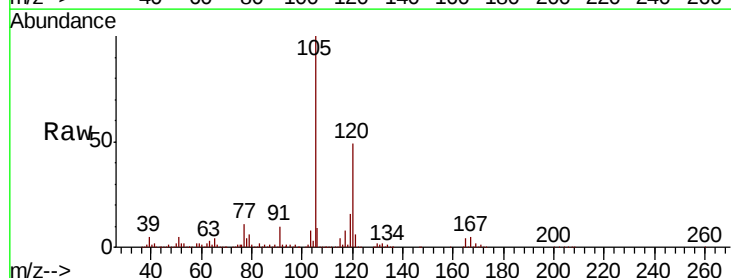


Time-->

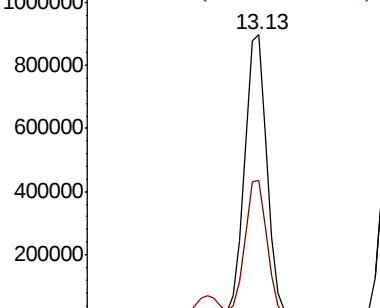


#84
1,2,4-Trimethylbenzene
Concen: 44.068 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.01 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

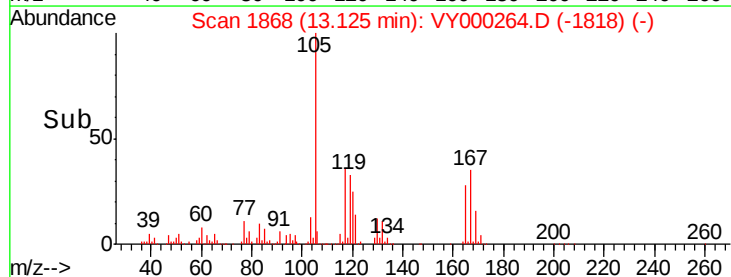
Tgt Ion:105 Resp: 1328679
Ion Ratio Lower Upper
105 100
120 48.7 22.9 68.8

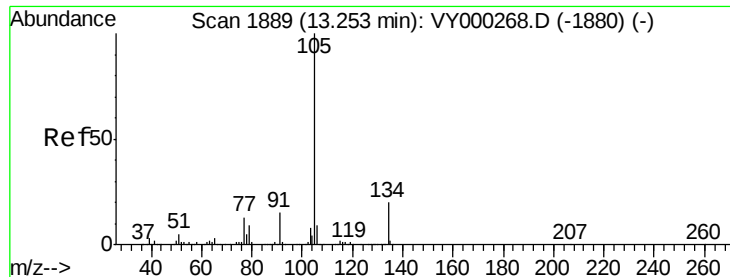


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 44.780 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

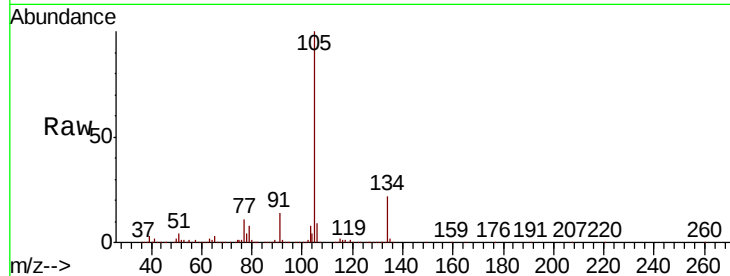
ClientSampleId :

Tot Ion:105 Resp: 1675866

Ion Ratio Lower Upper

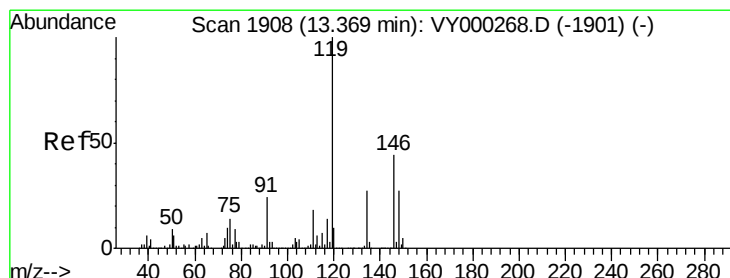
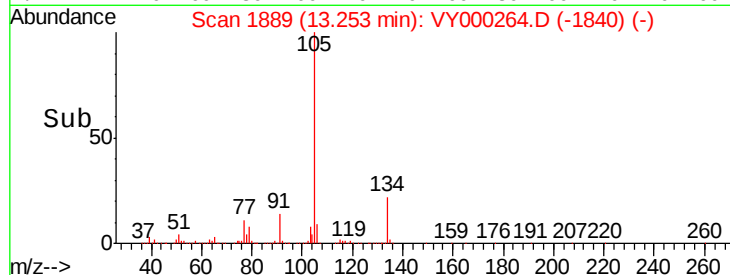
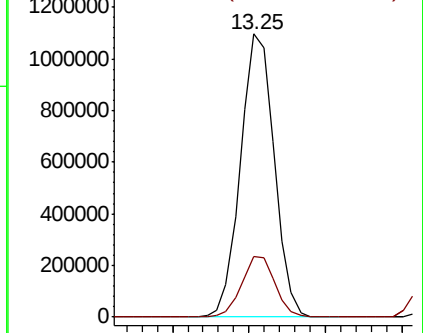
105 100

134 21.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.066 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

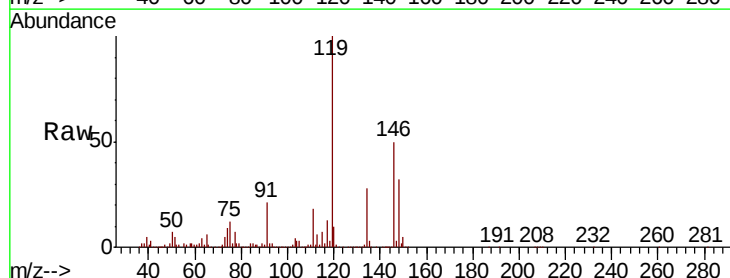
Tgt Ion:119 Resp: 1502983

Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

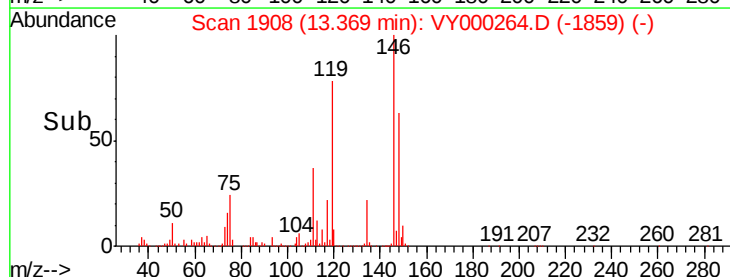
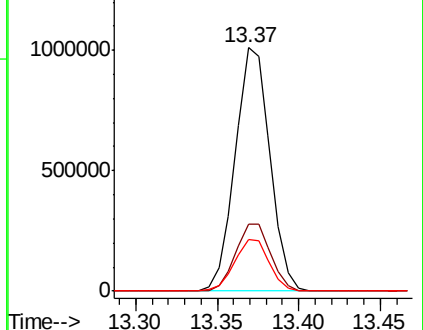
91 21.1 12.0 36.1

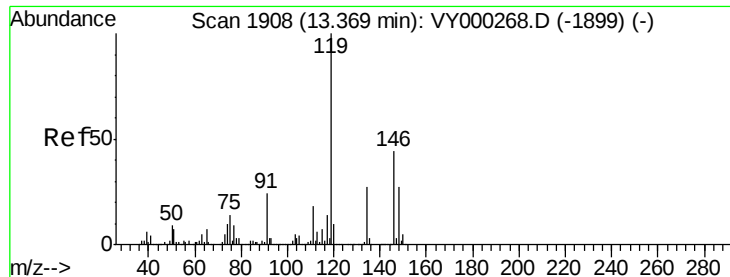


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

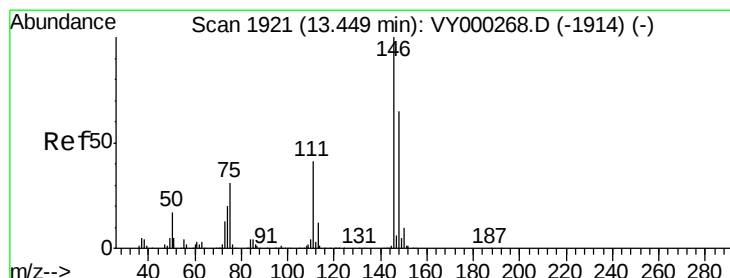
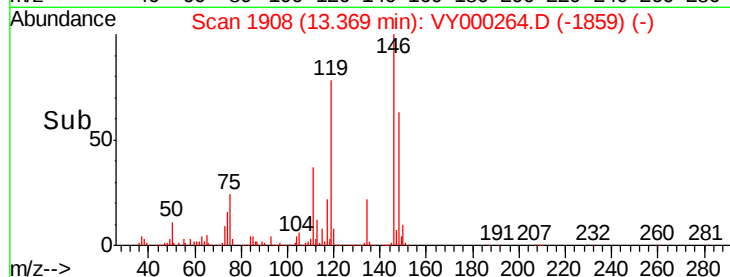
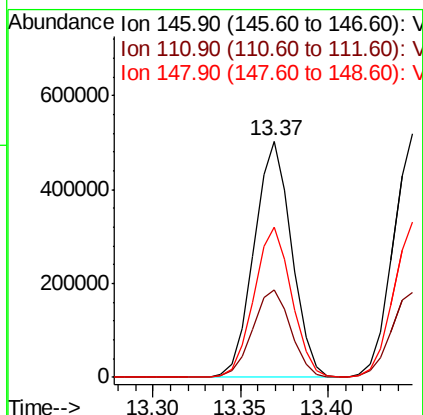
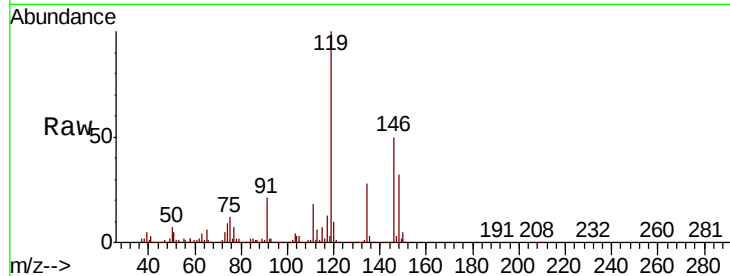




#87
 1,3-Dichlorobenzene
 Concen: 47.416 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

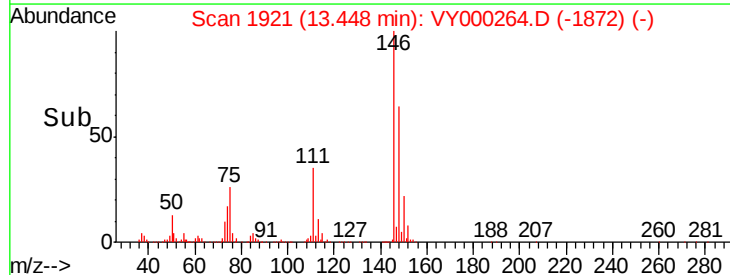
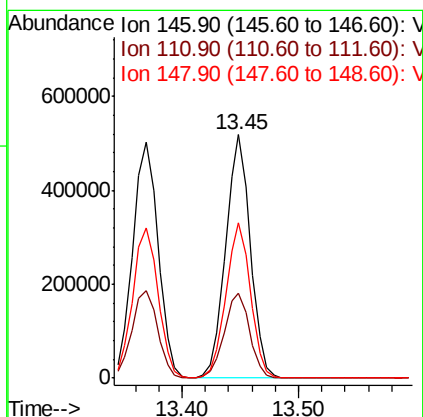
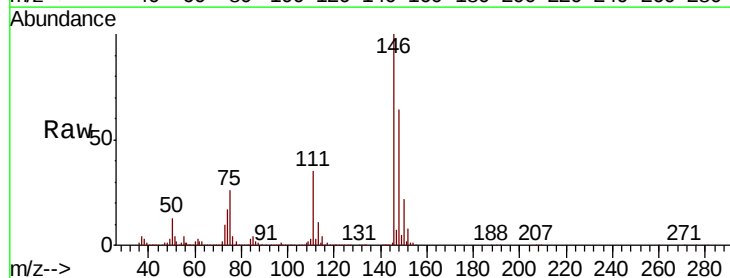
Instrument :
 MSVOA_Y
 ClientSampleId :

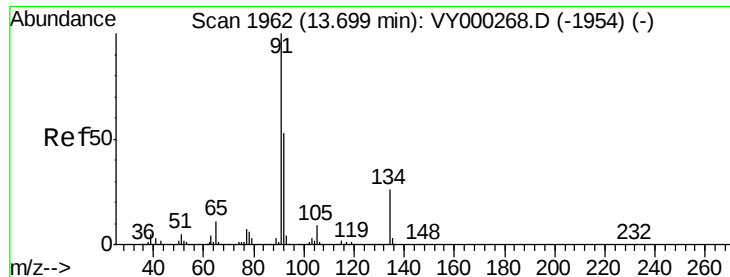
Tot Ion:146 Resp: 757365
 Ion Ratio Lower Upper
 146 100
 111 37.7 20.6 61.8
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.477 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion:146 Resp: 757969
 Ion Ratio Lower Upper
 146 100
 111 36.0 20.1 60.2
 148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 43.605 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampled :

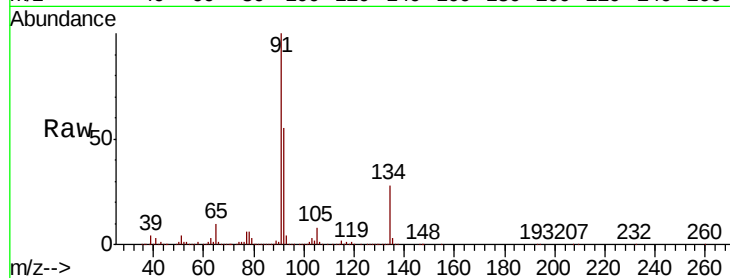
Tot Ion: 91 Resp: 1405934

Ion Ratio Lower Upper

91 100

92 54.5 26.7 80.1

134 28.3 13.0 38.9

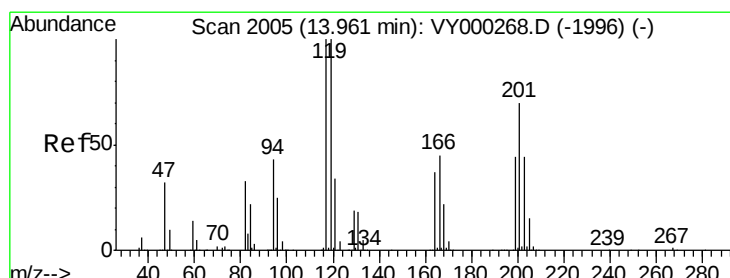
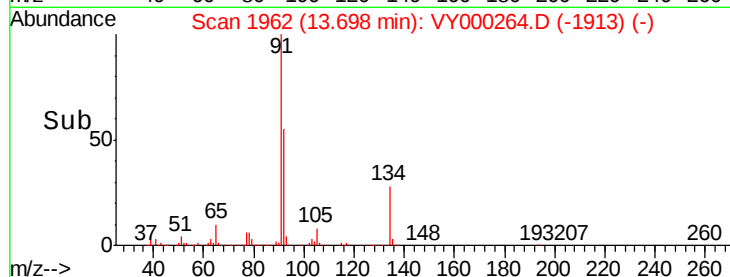


Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY000268.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY000268.D (-1954) (-)

Time-->



#90

Hexachloroethane

Concen: 46.003 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000264.D

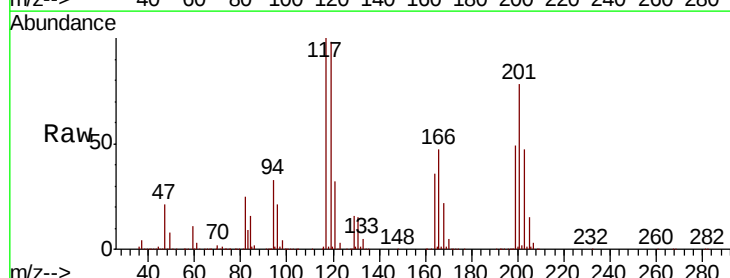
Acq: 11 Oct 2019 11:50

Tgt Ion: 117 Resp: 277933

Ion Ratio Lower Upper

117 100

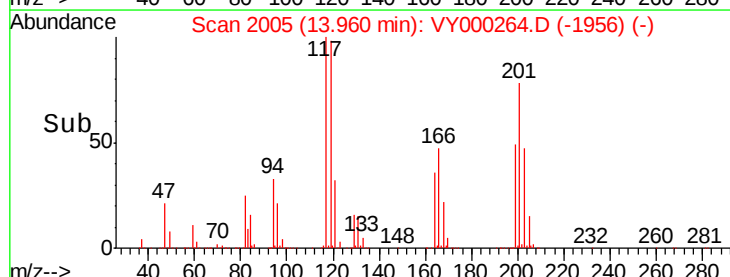
201 82.3 36.3 108.7

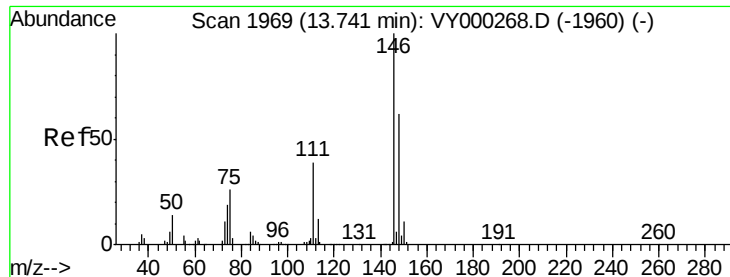


Abundance Ion 116.80 (116.50 to 117.50): VY000268.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY000268.D (-1996) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 47.824 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

Instrument :

MSVOA_Y

ClientSampleId :

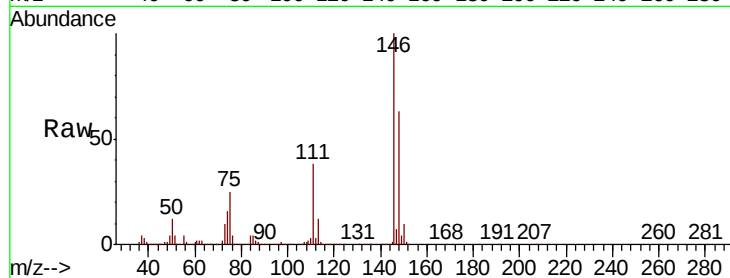
Tot Ion:146 Resp: 691302

Ion Ratio Lower Upper

146 100

111 38.0 20.5 61.5

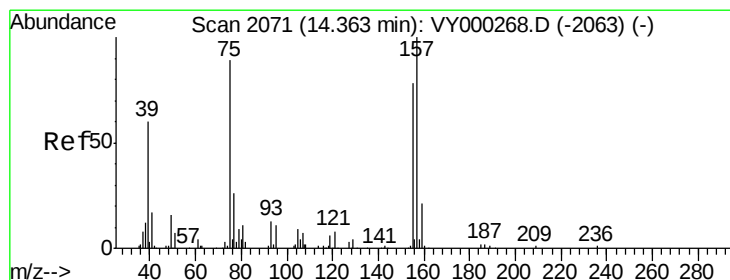
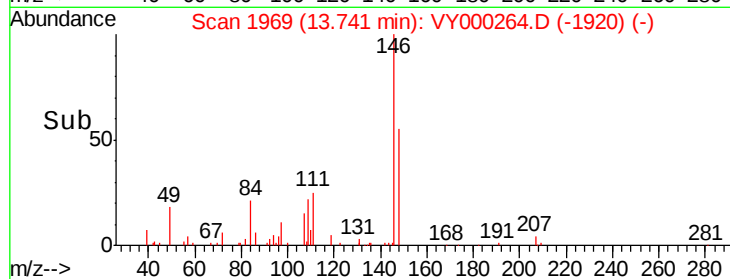
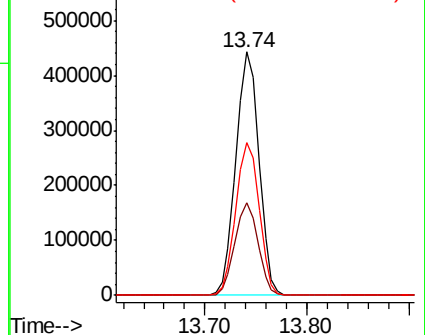
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.795 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY000264.D

Acq: 11 Oct 2019 11:50

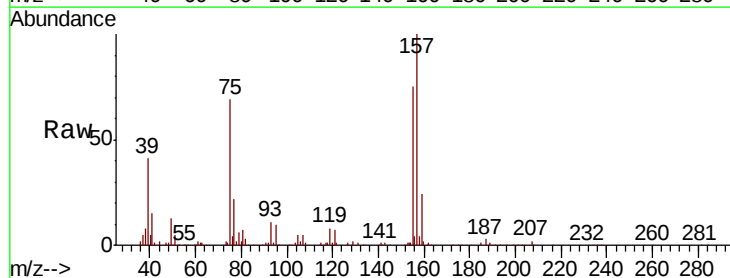
Tgt Ion: 75 Resp: 52923

Ion Ratio Lower Upper

75 100

155 99.8 45.8 137.3

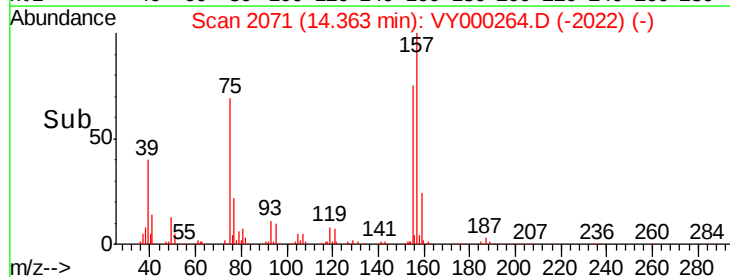
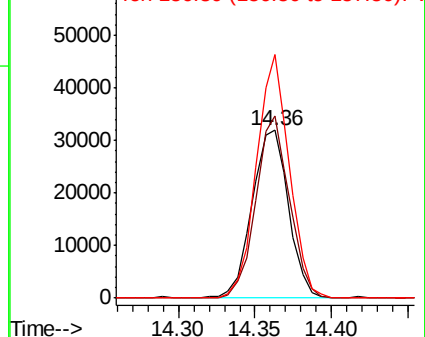
157 130.5 55.6 166.9

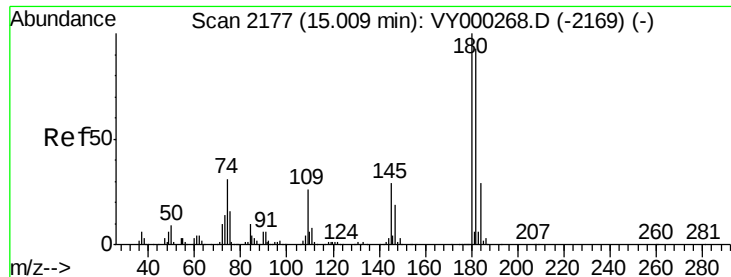


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

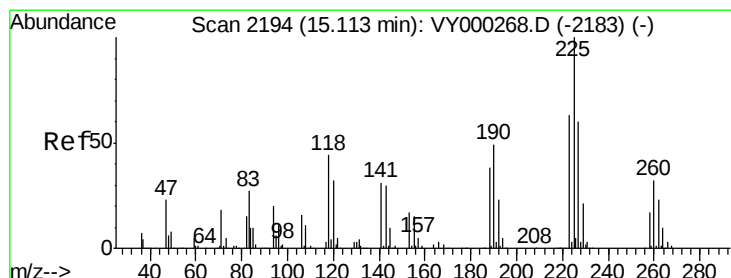
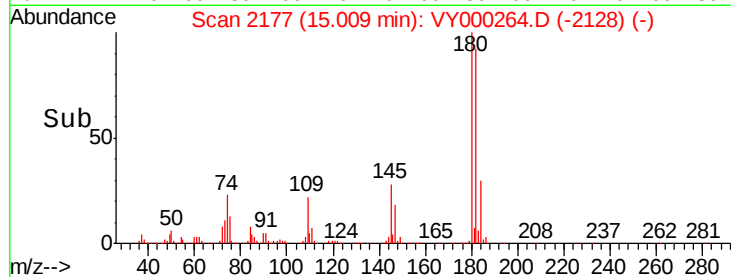
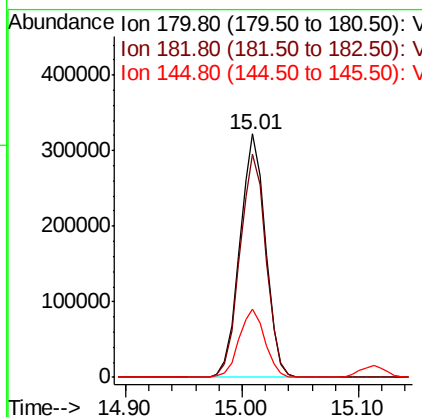
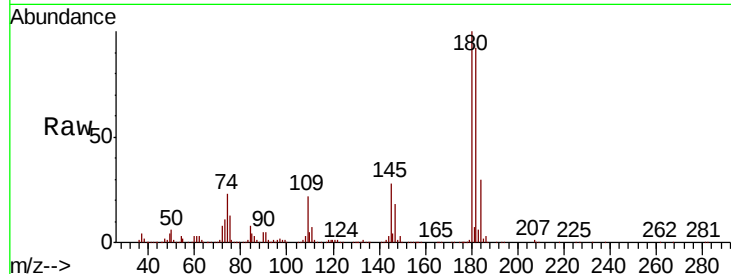




#93
 1,2,4-Trichlorobenzene
 Concen: 49.196 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

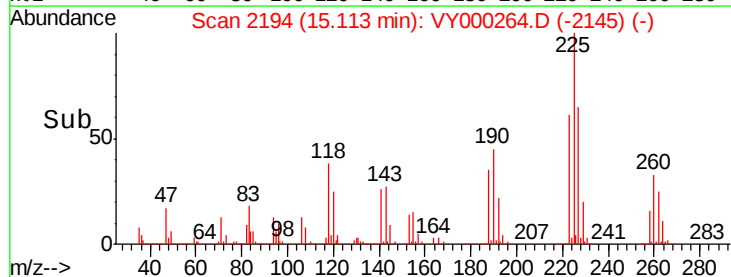
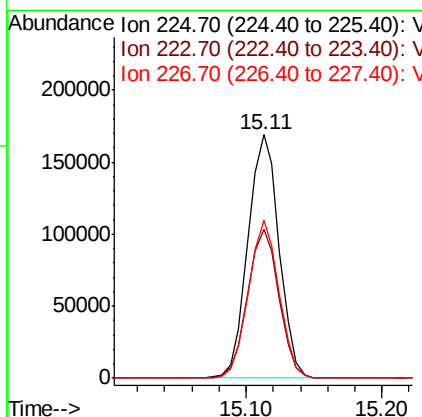
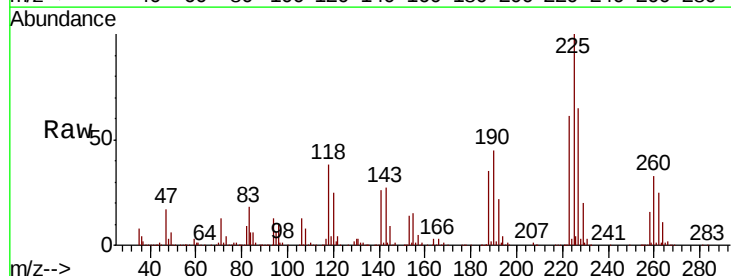
Instrument :
 MSVOA_Y
 ClientSampleId :

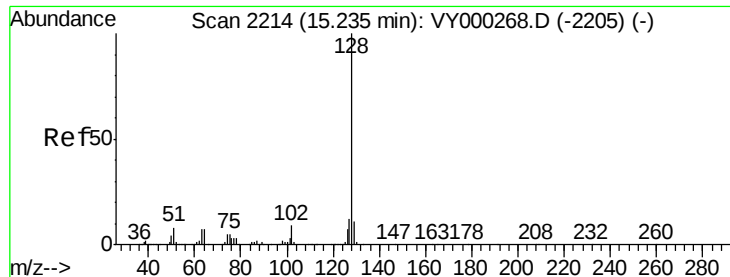
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.5	142.6
145	28.2	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 49.775 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000264.D
 Acq: 11 Oct 2019 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.9	95.7
227	63.6	31.4	94.2

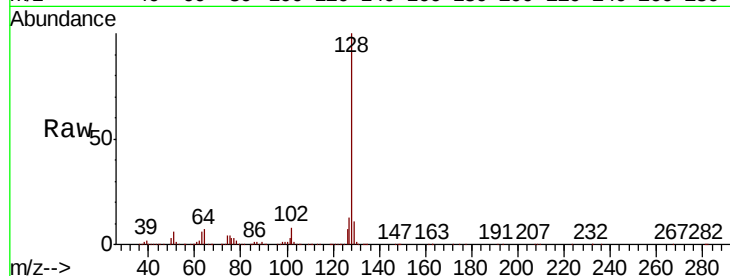




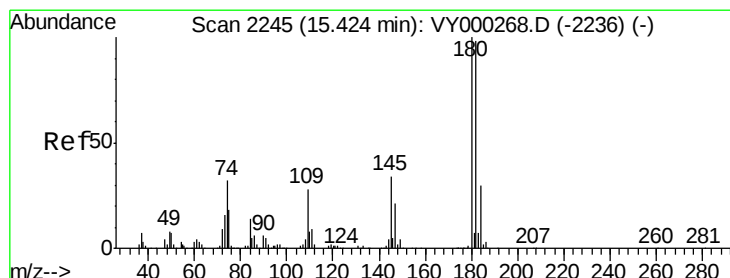
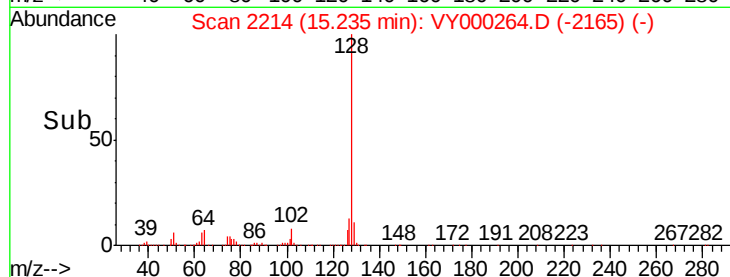
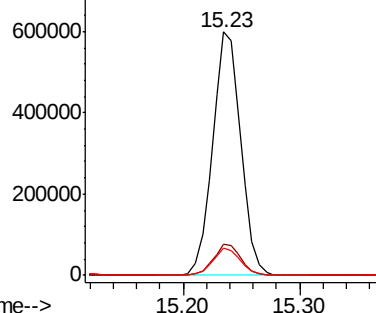
#95
Naphthalene
Concen: 44.838 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 1007021
Ion Ratio Lower Upper
128 100
127 12.4 9.6 14.4
129 10.9 8.7 13.1

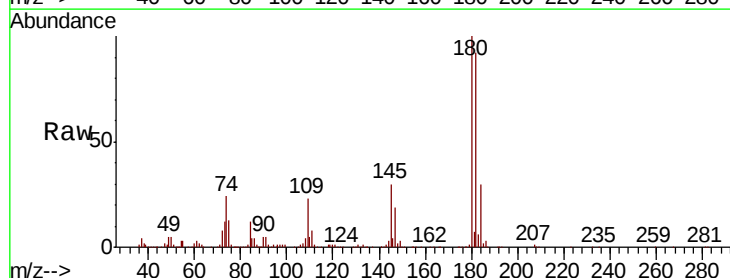


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.144 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000264.D
Acq: 11 Oct 2019 11:50

Tgt Ion:180 Resp: 436681
Ion Ratio Lower Upper
180 100
182 94.7 46.5 139.5
145 29.5 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

